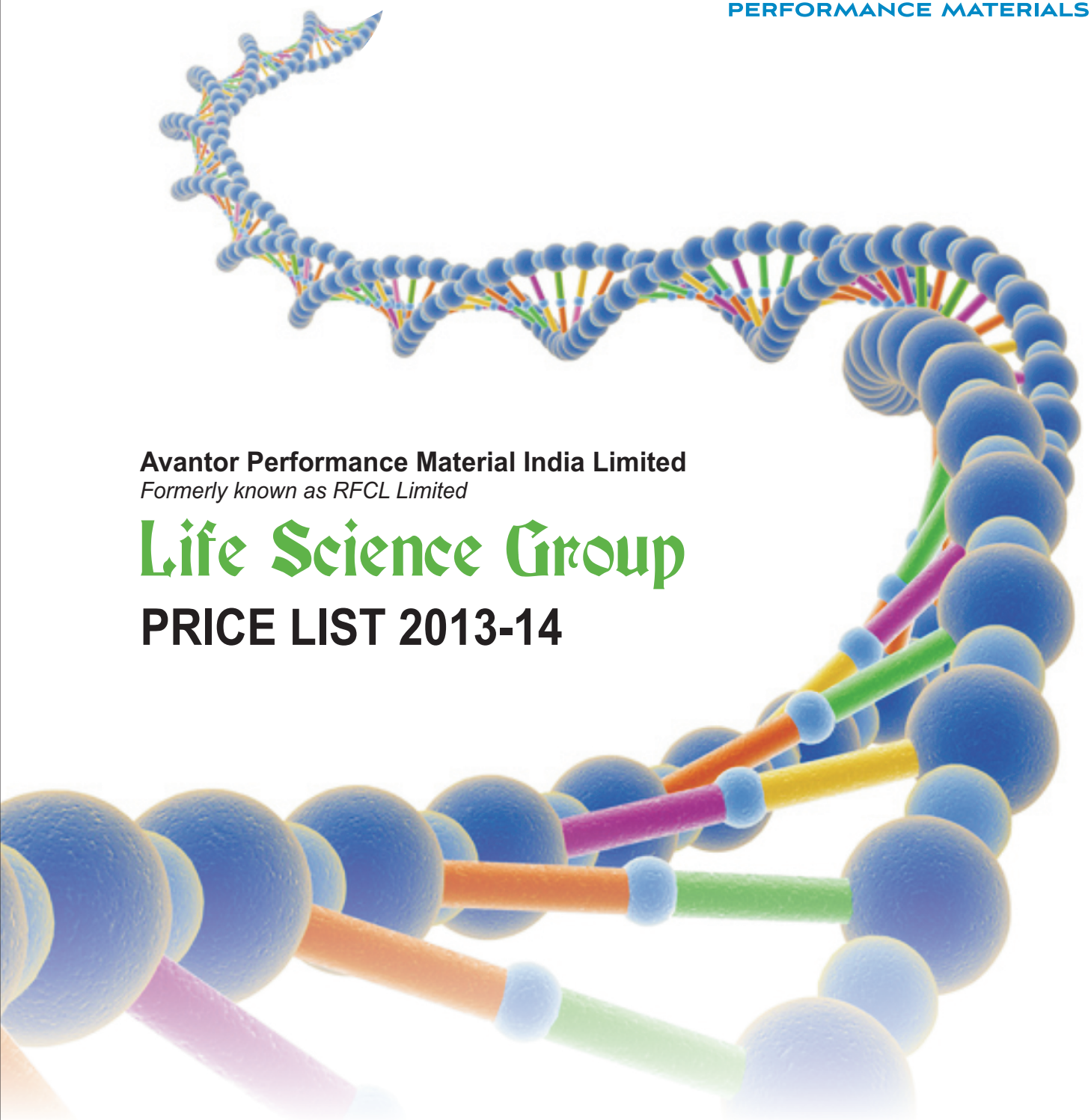
AVANTOR™
PERFORMANCE MATERIALS



Avantor Performance Material India Limited
Formerly known as RFCL Limited

Life Science Group

PRICE LIST 2013-14

Promega

IDT® INTEGRATED DNA TECHNOLOGIES

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2013-14
INR PRICE LIST

INDEX

Promega

Life Science Systems, Genetic Identity and
Molecular Diagnostics Products

Promega

AVANTOR PERFORMANCE MATERIALS

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
A1071	Eluator™ Vacuum Elution Device	4	each	1	17357
A1120	Wizard® Genomic DNA Purification Kit	100 isolat-ions × 300	µl	1	19916
A1125	Wizard® Genomic DNA Purification Kit	500 isolat-ions × 300	µl	1	48267
A1222	PureYield™ Plasmid Miniprep System	250	preps	1	40690
A1223	PureYield™ Plasmid Miniprep System	100	preps	1	18883
A1250	Access RT-PCR System	100	reactions	1	56364
A1260	Access RT-PCR Introductory System	20	reactions	1	15663
A1280	Access RT-PCR System	500	reactions	1	245899
A1311	Column Wash Solution (CWA)	185	ml	1	10254
A1318	Column Wash Solution (CWA)	370	ml	1	19250
A1330	Wizard® Plus SV Minipreps DNA Purif. System	50	preps	1	9238
A1331	Vacuum Adapter	20	each	1	1524
A1340	Wizard® Plus SV Miniprep DNA Purif. Sys., w/Adp.	50	preps	1	10115
A1360	pGEM®-T Easy Vector System I	20	reactions	1	16920
A1380	pGEM®-T Easy Vector System II	20	reactions	1	30586
A1410	pTARGET™ Mammalian Expression Vector System	20	reactions	1	45475
A1441	Alkaline Protease Solution	3	ml	1	5105
A1460	Wizard® Plus SV Minipreps DNA Purif. System	250	preps	1	36182
A1465	Wizard® Plus SV Minipreps DNA Purif. System	1,000	preps	1	133522
A1470	Wizard® Plus SV Miniprep DNA Purif. System, w/Adp.	250	preps	1	38926
A1481	Wizard® SV 96 Neutralization Solution	500	ml	1	9572
A1485	Neutralization Solution (NSB)	500	ml	1	8551
A1488	Wizard® SV 96 Neutralization Solution	950	ml	1	14157
A1491	Promega 10 Barrier Tips 10ul,Aerosol Barrier, (0.5-10ul)	960	/pk	1	15787
A1501	Promega 10E Barrier Tips, 10ul Aerosol Barrier,(0.5-10ul)	960	/pk	1	15787
A1511	Promega 10F Barrier Tips, 10ul Aerosol Barrier(0.5-10ul)	960	/pk	1	15787
A1521	Promega 20 Barrier Tips, 20ulAerosol Barrier, (2-20ul)	960	/pk	1	15787
A1541	Promega 100 Barrier Tips, 100ul Aerosol Barrier, (10-10ul)	960	/pk	1	15787
A1551	Promega 200 Barrier Tips, 200ul Aerosol Barrier, (50-100ul)	960	/pk	1	15787
A1561	Promega 1000 Barrier Tips, 1000ul Aerosol Barrier, (100-1,000ul)	480	/pk	1	10485
A1620	Wizard® Genomic DNA Purification Kit	100 isolat-ions × 10	ml	1	136095
A1630	Wizard® MagneSil® Plasmid Purification System	4 × 96	preps	1	54252
A1631	Wizard® MagneSil® Plasmid Purification System	8 × 96	preps	1	107619
A1635	Wizard® MagneSil® Plasmid Purification System, HTP1	100 × 96	preps	1	1131860
A1641	MagneSil® Red	100	ml	1	120343
A1655	Elution Buffer	500	ml	1	13254
A1701	AccessQuick™ RT-PCR System	20	reactions	1	15441
A1702	AccessQuick™ RT-PCR System	100	reactions	1	55028
A1703	AccessQuick™ RT-PCR System	500	reactions	1	239733
A1713	ReliaPrep™ Tube Rack	1	each	1	35353
A1714	ReliaPrep™ Tube Rack Stand	1	each	1	25908
A1751	ReliaPrep™ Large Volume HTgDNA Isolation System, 96 Prep	96 × 10ml-to 960 x 1ml	preps	1	363326

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
A1831	Wizard® MagneSil® Seq'ing Reaction Clean-Up Sys	4 × 96	preps	1	41351
A1832	Wizard® MagneSil® Seq'ing Reaction Clean-Up Sys	8 × 96	preps	1	82349
A1835	Wizard® MagneSil® Seq'ing Reaction Clean-Up System, HTP1	100 × 96	preps	1	848939
A2051	ReliaPrep™ gDNA Tissue Miniprep System	100	preps	1	51777
A2052	ReliaPrep™ gDNA Tissue Miniprep System	250	preps	1	111861
A2121	x-tracta™ Gel Extractor	25	/pack	1	2297
A2122	x-tracta™ Gel Extractor	100	/pack	1	8551
A2180	Wizard® PCR Preps DNA Purification System	250	preps	1	54114
A2191	Endotoxin Removal Resin	100	ml	1	86021
A2201	MagneSil® Blue	100	ml	1	80935
A2221	4/40 Wash Solution	115	ml	1	28078
A2241	Wizard® SV 96 Lysate Clearing Plate	10	pack	1	70067
A2248	Wizard® SV 96 Lysate Clearing Plate	100	pack	1	357494
A2250	Wizard® SV 96 Plasmid DNA Purification System	1 × 96	preps	1	31907
A2255	Wizard® SV 96 Plasmid DNA Purification System	5 × 96	preps	1	122140
A2258	Wizard® SV 9600 Plasmid Purification System	100 × 96	preps	1	1263944
A2271	Wizard® SV 96 Binding Plate	10	pack	1	92402
A2278	Wizard® SV 96 Binding Plate	100	pack	1	449033
A2291	Vac-Man® 96 Vacuum Manifold	1	each	1	67505
A2311	Collar for Vac-Man® 96 Vacuum Manifold	1	each	1	17672
A2351	ReliaPrep™ FFPE gDNA Miniprep System	10	reactions	1	14667
A2352	ReliaPrep™ FFPE gDNA Miniprep System	100	reactions	1	65738
A2360	Wizard® SV Genomic DNA Purification System	50	preps	1	14677
A2361	Wizard® SV Genomic DNA Purification System	250	preps	1	58453
A2370	Wizard® SV 96 Genomic DNA Purification System	1 × 96	preps	1	26802
A2371	Wizard® SV 96 Genomic DNA Purification System	4 × 96	preps	1	99422
A2380	Wizard MagneSil TfxTM System	4 × 96	preps	1	77725
A2392	PureYield™ Plasmid Maxiprep System	10	preps	1	26164
A2393	PureYield™ Plasmid Maxiprep System	25	preps	1	60495
A2492	PureYield™ Plasmid Midiprep System	25	preps	1	28589
A2495	PureYield™ Plasmid Midiprep System	100	preps	1	104144
A2496	PureYield™ Plasmid Midiprep System	300	preps	1	298010
A2631	10mM EDTA pH 8.0	10	ml	1	3627
A2641	25mM Tris-HCl, pH 8.0, 60ml	60	ml	1	3627
A2651	20X TE Buffer, pH 7.5	25	ml	1	3627
A2661	Heat Block Adapter	1	each	1	50015
A2670	ReliaPrep™ 96 gDNA Mini HTS	1X96	preps	1	41528
A2671	ReliaPrep™ 96 gDNA Mini HTS	4x96	preps	1	148441
A3500	Reverse Transcription System	100	reactions	1	53277
A3511	Magnesium Chloride Solution, 25mM	1.5	ml	1	3823
A3513	Magnesium Chloride Solution, 25mM	25	ml	1	5285
A3561	Reverse Transcription 10X Buffer	1.4	ml	1	3823
A3600	pGEM® -T Vector System I	20	reactions	1	15260
A3610	pGEM® -T Vector System II	20	reactions	1	28039

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
A3800	ImProm-II™ Reverse Transcription System	100	reactions	1	50648
A3802	ImProm-II™ Reverse Transcriptase	100	reactions	1	16979
A3803	ImProm-II™ Reverse Transcriptase	500	reactions	1	65489
A3811	Wash Buffer, Plant	40	ml	1	11444
A4011	Plexor® qPCR System	200	reactions	1	24065
A4021	Plexor® One-Step qRT-PCR System	200	reactions	1	44982
A4051	Plexor® Two-Step qRT-PCR System	200	reactions	1	44982
A4082	MagneSil® Genomic Large Volume System	48	preps	1	111563
A4091	eLysis Buffer	1	ml	1	39203
A5000	GoScript™ Reverse Transcription System	50	reactions	1	29726
A5001	GoScript™ Reverse Transcription System	100	reactions	1	58477
A5003	GoScript™ Reverse Transcriptase	100	reactions	1	17421
A5004	GoScript™ Reverse Transcriptase	500	reactions	1	67492
A5081	ReliaPrep™ Blood gDNA Miniprep System	100	preps	1	42942
A5082	ReliaPrep™ Blood gDNA Miniprep System	250	preps	1	102141
A6001	GoTaq® qPCR Master Mix	200	reactions	1	47410
A6002	GoTaq® qPCR Master Mix	1,000	reactions	1	189924
A6010	GoTaq® 2-Step RT-qPCR System	50X20 RT reactions+200 X 50ul qPCR Reactions	reactions	1	68401
A6020	GoTaq® 1-Step RT-qPCR System	200	reactions	1	83110
A6101	GoTaq® Probe qPCR Master Mix	200	reactions	1	16422
A6102	GoTaq® Probe qPCR Master Mix	1,000	reactions	1	71400
A6110	GoTaq® Probe 2-Step RT-qPCR System	200	reactions	1	33558
A6120	GoTaq® Probe 1-Step RT-qPCR System	200	reactions	1	54978
A6722	Welch Vacuum Pump, for Continental Europe Electrical	1	each	1	85609
A6732	PureYield™ Plasmid Maxiprep Start-Up Kit, Continental Eur	1	each	1	191481
A6742	PureYield™ Plasmid Midiprep Start-Up Kit, Continental Eur	1	each	1	171060
A6752	Wizard® SV Gel & PCR Cleanup Start-Up Kit, Continental Eur	1	each	1	152996
A6762	Wizard® Plus SV Minipreps Start-Up Kit, Continental Euro	1	each	1	165719
A6772	Wizard® SV Genomic DNA Purif Start-Up Kit, Continental Eur	1	each	1	165330
A6782	Wizard® SV96 Genomic DNA Start-up Kit, Continental Euro	1	each	1	178839
A6792	SV96 PCR Clean-Up Start-Up Kit, Continental Euro	1	each	1	207503
A6812	PureYield™ Plasmid Miniprep Start-Up Kit, Continental Eur	1	each	1	178600
A7100	Wizard® Plus Minipreps DNA Purification System	50	preps	1	17102
A7112	Cell Resuspension Solution (CRA)	150	ml	1	5360
A7113	Wizard® SV 96 Cell Resuspension Solution	500	ml	1	16464
A7114	Cell Resuspension Solution	500	ml	1	22089
A7115	Cell Resuspension Solution, (CRA)	315	ml	1	8168
A7118	Wizard® SV 96 Cell Resuspension Solution	800	ml	1	25565
A7122	Cell Lysis Solution (CLA)	150	ml	1	5360
A7123	Wizard® SV 96 Cell Lysis Solution	500	ml	1	9572
A7124	Cell Lysis Solution	500	ml	1	13430
A7125	Cell Lysis Solution, (CLA)	315	ml	1	8551
A7128	Wizard® SV 96 Cell Lysis Solution	800	ml	1	14569
A7131	Neutralization Solution (NSA)	150	ml	1	5743

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
A7132	Neutralization Solution	500	ml	1	12723
A7141	Wizard® MiniPreps DNA Purification Resin	250	ml	1	25015
A7170	Wizard® PCR Preps DNA Purification System	50	preps	1	13401
A7181	Wizard® PCR Preps DNA Purification Resin	250	ml	1	26419
A7211	Wizard® MiniColumns	250	each	1	25270
A7231	Vac-Man® Laboratory Vacuum Manifold, 20 samples	1	each	1	17485
A7241	Direct Purification Buffer	25	ml	1	4977
A7261	One-Way Luer Lock Stopcock	10	each	1	1404
A7270	Wizard® Plus Maxipreps DNA Purification System	10	preps	1	22462
A7280	Wizard® DNA Clean-Up System	100	preps	1	19527
A7300	Wizard® Plus Megapreps DNA Purification System	5	preps	1	21697
A7361	Wizard® Megapreps DNA Purification Resin	1,000	ml	1	73003
A7401	Wizard® Maxipreps DNA Purification Resin	500	ml	1	40586
A7421	Maxi/Megapreps Filtering System	50	each	1	30631
A7500	Wizard® Plus Minipreps DNA Purification System	100	preps	1	23739
A7510	Wizard® Plus Minipreps DNA Purification System	250	preps	1	54369
A7640	Wizard® Plus Midipreps DNA Purification System	25	preps	1	28206
A7651	Wizard® Midicolumns	100	each	1	19655
A7701	Wizard® Midipreps DNA Purification Resin	1,000	ml	1	70450
A7710	ReadyAmp™ Genomic DNA Purification System	100	reactions	1	17868
A7933	Cell Lysis Solution, (for Wizard Genomic)	1	liter	1	15716
A7941	Nuclei Lysis Solution	50	ml	1	3742
A7943	Nuclei Lysis Solution	1	liter	1	47147
A7951	Protein Precipitation Solution	25	ml	1	4977
A7953	Protein Precipitation Solution	350	ml	1	41035
A7963	DNA Rehydration Solution	50	ml	1	5363
A7973	RNase A Solution, 4mg/ml	1	ml	1	32545
A7974	RNaseA Solution, 4mg/ml	5	ml	1	128718
A8102	Column Wash Solution (CWB)	125	ml	1	5360
A8191	Lysis Buffer A Food	100	ml	1	13509
A8231	MagneSil® Green	100	ml	1	42235
A8251	DNA IQ™ Resin	50	ml	1	940651
A8261	Lysis Buffer	150	ml	1	33402
A8271	2X Wash Buffer	70	ml	1	4847
A8281	Elution Buffer	50	ml	1	4847
A8501	Differex™ Digestion Buffer	150	ml	1	52914
A8511	Differex™ Separation Solution	40	ml	1	52914
A9161	Collection Plates (4-pack)	1	each	1	982
A9281	Wizard® SV Gel and PCR Clean-up System	50	preps	1	11150
A9282	Wizard® SV Gel and PCR Clean-up System	250	preps	1	50843
A9283	Wizard® SV Gel and PCR Clean-Up System and x-tracta™ Gel Extractor Bundle	50 preps/25 extractors		1	13348
A9284	Wizard® SV Gel and PCR Clean-Up System and x-tracta™ Gel Extractor Bundle	250 preps/1-00 extractors		1	60260
A9285	Wizard® SV Gel and PCR Clean-up System	1,000	preps	1	190240

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
A9301	Membrane Binding Solution	20	ml	1	8679
A9340	Wizard® SV 96 PCR Clean-Up System	1 × 96	preps	1	18889
A9341	Wizard® SV 96 PCR Clean-Up System	4 × 96	preps	1	67898
A9342	Wizard® SV 96 PCR Clean-Up System	8 × 96	preps	1	122905
A9345	Wizard® SV 96 PCR Clean-Up System	100 × 96	preps	1	904113
AS1010	Maxwell® 16 Blood DNA Purification Kit	48	preps	1	29228
AS1020	Maxwell® 16 Cell DNA Purification Kit	48	preps	1	29228
AS1030	Maxwell® 16 Tissue DNA Purification Kit	48	preps	1	30331
AS1040	DNA IQ™ Reference Sample Kit for Maxwell® 16	48	preps	1	34583
AS1050	Maxwell® 16 Total RNA Purification Kit	48	preps	1	35185
AS1060	Maxwell® 16 Polyhistidine Protein Purification Kit	48	preps	1	35185
As1120	Maxwell® 16 Mouse Tail DNA Purification Kit	48	preps	1	38802
AS1130	Maxwell® 16 FFPE Tissue LEVDNA Purification Kit	48	preps	1	35185
As1135	Maxwell® 16 FFPE Plus LEV DNA Purification Kit	48	preps	1	35185
AS1140	Maxwell® 16 Cell LEV DNA Purification Kit	48	preps	1	35185
AS1150	Maxwell® 16 Viral Total Nucleic Acid Purification Kit	48	preps	1	40590
AS1200	Maxwell® 16 SEV Hardware Kit	1	each	1	182673
AS1201	Maxwell® 16 Cartridge Rack	1	each	1	23781
AS1202	Maxwell® 16 Magnetic Elution Rack	1	each	1	39685
AS1220	Maxwell® 16 Tissue LEV Total RNA Purification Kit	48	preps	1	35185
AS1225	Maxwell® 16 Cell LEV Total RNA Purification Kit	48	preps	1	35185
As1240	DNA IQ™ Casework Pro Kit for Maxwell® 16	48	preps	1	34583
AS1250	Maxwell® 16 LEV Hardware Kit	1	each	1	182673
AS1251	Maxwell® 16 LEV Cartridge Rack	1	each	1	63617
AS1261	Maxwell® 16 LEV Magnet	1	each	1	30294
AS1270	Maxwell® 16 LEV simplyRNA Cells Kit	48	preps	1	27795
AS1280	Maxwell® 16 LEV simplyRNA Tissue Kit	48	preps	1	27795
AS1290	Maxwell® 16 LEV Blood DNA Kit	48	preps	1	37501
AS1295	Maxwell® 16 Buccal Swab LEVDNA Purification Kit	48	preps	1	39377
AS1310	Maxwell® 16 LEV simplyRNA Blood Kit	1		1	38935
AS3200	Barcode Reader, Maxwell® 16	1	each	1	88518
AS6151	LEV Plungers	50	/pk	1	2945
AS6411	Maxwell® 16 Flexi Method Firmware	1	each	1	79370
B1001	StemElite™ Gene ExpressionSystem	100 qPCR	reactions	1	31775
B1002	StemElite™ Gene ExpressionSystem Plus	100 qPCR rea ctions+50 RT	reactions	1	57087
B1011	StemElite™ NANOG/GAPDH Primer Pair (20X)	100	µl	1	14721
B1021	StemElite™ SOX2/GAPDH Primer Pair (20X)	100	µl	1	14721
B1031	StemElite™ POU5F1//GAPDH Primer Pair (20X)	100	µl	1	14721
B1041	StemElite™ LIN28//GAPDH Primer Pair (20X)	100	µl	1	14721
B1051	StemElite™ KLF4//GAPDH Primer Pair (20X)	100	µl	1	14721
B1061	StemElite™ MYC/GAPDH Primer Pair (20X)	100	µl	1	14721
B1071	StemElite™ NPPA/GAPDH Primer Pair (20X)	100	µl	1	14721
B1081	StemElite™ MYL7/GAPDH Primer Pair (20X)	100	µl	1	14721
B1091	StemElite™ MYL2/GAPDH Primer Pair (20X)	100	µl	1	14721

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
B1101	StemElite™ MYH6/GAPDH Primer Pair (20X)	100	µl	1	14721
B1111	StemElite™ MYH7/GAPDH Primer Pair (20X)	100	µl	1	14721
B1121	StemElite™ NKX2-5/GAPDH Primer Pair (20X)	100	µl	1	14721
B1131	StemElite™ TNNT2/GAPDH Primer Pair (20X)	100	µl	1	14721
B1141	StemElite™ TNNI3/GAPDH Primer Pair (20X)	100	µl	1	14721
B1151	StemElite™ MEF2C/GAPDH Primer Pair (20X)	100	µl	1	14721
B1161	StemElite™ PLN/GAPDH Primer Pair (20X)	100	µl	1	14721
B1171	StemElite™ GATA4/GAPDH Primer Pair (20X)	100	µl	1	14721
B1301	StemElite™ HNF4A/GAPDH Primer Pair (20X)	100	µl	1	14721
B1311	StemElite™ HNF1B/GAPDH Primer Pair (20X)	100	µl	1	14721
B1321	StemElite™ PDX1/GAPDH Primer Pair (20X)	100	µl	1	14721
B1331	StemElite™ INS/GAPDH Primer Pair (20X)	100	µl	1	14721
B1341	StemElite™ FOXA2/GAPDH Primer Pair (20X)	100	µl	1	14721
B1351	StemElite™ SOX17/GAPDH Primer Pair (20X)	100	µl	1	14721
B1361	StemElite™ GATA6/GAPDH Primer Pair (20X)	100	µl	1	14721
B1371	StemElite™ Mus-Nanog/Actb Primer Pair (20X)	100	µl	1	14721
B1381	StemElite™ Mus-Sox2/Actb Primer Pair (20X)	100	µl	1	14721
B1391	StemElite™ Mus-Pou5f1/ActbPrimer Pair (20X)	100	µl	1	14721
B1401	StemElite™ Mus-Lin28/Actb Primer Pair (20X)	100	µl	1	14721
B1411	StemElite™ Mus-Klf4/Actb Primer Pair (20X)	100	µl	1	14721
B1421	StemElite™ Mus-Myc/Actb Primer Pair (20X)	100	µl	1	14721
C1101	Oligo(dT) 15 Primer 500ug/ml	20	µg	1	7001
C1141	PCR Nucleotide Mix	200	µl	1	7647
C1145	PCR Nucleotide Mix	1,000	µl	1	29351
C1181	Random Primers	20	µg	1	4627
C1263	T4 DNA Ligase Buffer Pack	1.5	ml	1	2193
C1281	Spin Columns (including collection & wash tubes)	10	each	1	5655
C1291	EcoR I Adaptors	150	pmol	1	5655
C1313	T4 PNK Buffer Pack	1.5	ml	1	3411
C1381	1.2kb Kanamycin Positive Control RNA (0.5mg/ml)	5	µg	1	8097
C4360	Universal RiboClone® cDNA Synthesis System	1	system	1	80325
C5411	CXR Reference Dye	100	µl	1	3456
C6711	2X Rapid Ligation Buffer	1.5	ml	1	9221
C8011	psiCHECK™-1 Vector	20	µg	1	40644
C8021	psiCHECK™-2 Vector	20	µg	1	43943
C8441	pF1A T7 Flexi® Vector	20	µg	1	32773
C8451	pF1K T7 Flexi® Vector	20	µg	1	32773
C8461	pFN2A (GST) Flexi® Vector	20	µg	1	37142
C8471	pFN2K (GST) Flexi® Vector	20	µg	1	37142
C8481	pF4A CMV Flexi® Vector	20	µg	1	37142
C8491	pF4K CMV Flexi® Vector	20	µg	1	37142
C8511	pFN6A (HQ) Flexi® Vector	20	µg	1	37142
C8521	pFN6K (HQ) Flexi® Vector	20	µg	1	37142
C8531	pFC7A (HQ) Flexi® Vector	20	µg	1	37142
C8541	pFC7K (HQ) Flexi® Vector	20	µg	1	37142

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
C8640	Flexi® System	5 entry and-20 transfer	reactions	1	32773
C8750	GeneClip™ U1 Hairpin Cloning System - Basic	1	system	1	44179
C8760	GeneClip™ U1 Hairpin Cloning System - Puromycin	1	system	1	44179
C8770	GeneClip™ U1 Hairpin Cloning System - Hygromycin	1	system	1	44179
C8780	GeneClip™ U1 Hairpin Cloning System - Neomycin	1	system	1	44179
C8790	GeneClip™ U1 Hairpin Cloning System - hMGFP	1	system	1	49127
C8820	Flexi® System, Transfer	100 transfer	reactions	1	131347
C9320	Carboxy Flexi® System, Transfer	50 transfer	reactions	1	57577
C9331	pFN10A (ACT) Flexi® Vector	20	µg	1	37142
C9341	pFN11A (BIND) Flexi® Vector	20	µg	1	37142
C9351	pGL4.31[luc2P/Gal4UAS/Hygro] Vector	20	µg	1	46396
C9360	CheckMate™/Flexi® VectorMammalian Two-Hybrid System	1	each	1	93306
C9361	pF9A CMV hRluc-neo Flexi® Vector	20	µg	1	37142
C9370	CheckMate™ Positive Control Vectors	1	set	1	25447
C9380	CheckMate™ Negative Control Vectors	1	each	1	16836
C9401	pF5A CMV-neo Flexi® Vector	20	µg	1	37142
C9411	pF5K CMV-neo Flexi® Vector	20	µg	1	37142
C9421	pReg neo Vector	20	µg	1	27763
C9431	pF12A RM Flexi® Vector	20	µg	1	35658
C9441	pF12K RM Flexi® Vector	20	µg	1	35658
C9451	Coumermycin A1	5	mg	1	15851
C9461	Novobiocin Sodium Salt	1	g	1	6793
C9470	Regulated Mammalian Expression System	1	system	1	87106
CD4002	Magnetic Separator 20 Microfuge Tubes	1	each	1	67204
D1501	Lambda DNA	250	µg	1	8622
D1511	pBR322 DNA	10	µg	1	7636
D1521	Unmethylated Lambda DNA	250	µg	1	8868
D1531	PhiX174, RF DNA, 50ug	50	µg	1	12809
D1811	Herring Sperm DNA	10	mg	1	6822
D1815	Herring Sperm DNA	100	mg	1	16997
D1816	Herring Sperm DNA	500	mg	1	47911
D6001	GoTaq® MDx Hot Start Polymerase	100	u	1	12095
D6005	GoTaq® MDx Hot Start Polymerase	500	u	1	53878
D6006	GoTaq® MDx Hot Start Polymerase	2,500	u	1	240647
D6008	GoTaq® MDx Hot Start Polymerase	10,000	u	1	874936
DC1000	Plexor® HY System	800	reactions	1	Please Enquire
DC1001	Plexor® HY System	200	reactions	1	Please Enquire
DC1191	GenePrint® STR SystemTH01	100	reactions	1	30193
DC1500	Plexor® Calibration Kit, Set A	1	each	1	17099
DC1802	PowerPlex® 18D System	200	reactions	1	Please Enquire
DC1808	PowerPlex® 18D System	800	reactions	1	Please Enquire
DC2100	PowerPlex® 16 HS System	400	reactions	1	Please Enquire
DC2101	PowerPlex® 16 HS System	100	reactions	1	Please Enquire
DC2305	PowerPlex® Y23 System	50	reactions	1	Please Enquire

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
DC2320	PowerPlex® Y23 System	200	reactions	1	Please Enquire
DC2402	PowerPlex® Fusion System	200	reactions	1	Please Enquire
DC2408	PowerPlex® Fusion System	800	reactions	1	Please Enquire
DC5171	GenePrint® Fluorescent Sex Identif. Sys.-Amelogen	100	reactions	1	26683
DC6000	GenePrint® STR MultiplexCSF1PO-TPOX-TH01	400	reactions	1	319807
DC6001	GenePrint® STR MultiplexCSF1PO-TPOX-TH01	100	reactions	1	92620
DC6030	GenePrint® STR MultiplexF13A01 FESFPS vWA	400	reactions	1	319807
DC6031	GenePrint® STR MultiplexF13A01 FESFPS vWA	100	reactions	1	92620
DC6070	GenePrint® F. STR MultiplexGammaSTR® (Fluor.)	400	reactions	1	340027
DC6071	GenePrint® F. STR MultiplexGammaSTR® (Fluor.)	100	reactions	1	104040
DC6171	GenePrint® Fluor. Sex ID Sys. - Amelogenin (TMR)	100	reactions	1	28519
DC6300	GenePrint® Fluor. STR Mult CSF-1PO TPOX TH01 vWA	400	reactions	1	340027
Dc6301	GenePrint® Fluor. STR Mult CSF-1PO TPOX TH01 vWA	100	reactions	1	104040
DC6450	GenePrint® SilverSTR® III System	400	reactions	1	319807
DC6451	GenePrint® SilverSTR® III System	100	reactions	1	92620
DC6530	PowerPlex® 16 System	400	reactions	1	Please Enquire
DC6531	PowerPlex® 16 System	100	reactions	1	Please Enquire
DC6540	PowerPlex® 16 BIO System	400	reactions	1	Please Enquire
DC6541	PowerPlex® 16 BIO System	100	reactions	1	Please Enquire
DC6551	PowerPlex® 16 Monoplex Sys. D3S1358 (Fluorescein)	100	reactions	1	Please Enquire
DC6561	PowerPlex® 16 Monoplex Sys. TH01 (Fluorescein)	100	reactions	1	Please Enquire
DC6571	PowerPlex® 16 Monoplex Sys. D21S11 (Fluorescein)	100	reactions	1	Please Enquire
DC6581	PowerPlex® 16 Monoplex Sys. D18S51 (Fluorescein)	100	reactions	1	Please Enquire
DC6591	PowerPlex® 16 Monoplex Sys. Penta E (Fluorescein)	100	reactions	1	Please Enquire
DC6601	PowerPlex® 16 Monoplex System D5S818 (JOE)	100	reactions	1	Please Enquire
DC6611	PowerPlex® 16 Monoplex System D13S317 (JOE)	100	reactions	1	Please Enquire
DC6621	PowerPlex® 16 Monoplex System D7S820 (JOE)	100	reactions	1	Please Enquire
DC6631	PowerPlex® 16 Monoplex System D16S539 (JOE)	100	reactions	1	Please Enquire
DC6641	PowerPlex® 16 Monoplex System CSF1PO (JOE)	100	reactions	1	Please Enquire
DC6651	PowerPlex® 16 Monoplex System Penta D (JOE)	100	reactions	1	Please Enquire
DC6661	PowerPlex® 16 Monoplex System vWA (TMR)	100	reactions	1	Please Enquire
DC6671	PowerPlex® 16 Monoplex System D8S1179 (TMR)	100	reactions	1	Please Enquire
DC6681	PowerPlex® 16 Monoplex System TPOX (TMR)	100	reactions	1	Please Enquire
DC6691	PowerPlex® 16 Monoplex System FGA (TMR)	100	reactions	1	Please Enquire
DC6700	DNA IQ™ System	400	reactions	1	80985
DC6701	DNA IQ™ System	100	reactions	1	33879
DC6710	PowerPlex® ESX 16 System	400	reactions	1	Please Enquire
DC6711	PowerPlex® ESX 16 System	100	reactions	1	Please Enquire
DC6720	PowerPlex® ESX 17 System	400	reactions	1	Please Enquire
DC6721	PowerPlex® ESX 17 System	100	reactions	1	Please Enquire
DC6730	PowerPlex® ES System	400	reactions	1	Please Enquire
DC6731	PowerPlex® ES System	100	reactions	1	Please Enquire
DC6740	Tissue & Hair Extraction Kit.(for use with DNA IQTM)	100	reactions	1	25094
DC6745	Casework Extraction Kit	100	reactions	1	27568
DC6751	PowerPlex® ES Monoplex Sys. SE33 (JOE)	100	reactions	1	Please Enquire

Promega

AVANTOR PERFORMANCE MATERIALS

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
DC6760	PowerPlex® Y System	200	reactions	1	Please Enquire
DC6761	PowerPlex® Y System	50	reactions	1	Please Enquire
DC6770	PowerPlex® ESI 16 System	400	reactions	1	Please Enquire
DC6771	PowerPlex® ESI 16 System	100	reactions	1	Please Enquire
DC6780	PowerPlex® ESI 17 System	400	reactions	1	Please Enquire
DC6781	PowerPlex® ESI 17 System	100	reactions	1	Please Enquire
DC6790	PowerPlex® ESX 17 and PowerPlex® ESI 17 System	400 reactions	each	1	Please Enquire
DC6791	PowerPlex® ESX 17 and PowerPlex® ESI 17 System	100 reactions	each	1	Please Enquire
DC6792	PowerPlex® ESX 16 and PowerPlex® ESI 16 System	400 reactions	each	1	Please Enquire
DC6793	PowerPlex® ESX 16 and PowerPlex® ESI 16 System	100 reactions	each	1	Please Enquire
DC6794	PowerPlex® ESX 17 and PowerPlex® ESI 17 PRO system Bundle	400 reactions	each	1	Please Enquire
DC6795	PowerPlex® ESX 17 and PowerPlex® ESI 17 PRO system Bundle	400 reactions	each	1	Please Enquire
DC6800	Differex™ System	200	samples	1	105911
DC6801	Differex™ System	50	samples	1	29806
DC6950	PowerPlex® S5 System	400	reactions	1	Please Enquire
DC6951	PowerPlex® S5 System	100	reactions	1	Please Enquire
DC7780	PowerPlex® ESI 17 Pro System	400	reactions	1	Please Enquire
DC7781	PowerPlex® ESI 17 Pro System	100	reactions	1	Please Enquire
DC8271	SwabSolution™ Kit	100	preps	1	27489
DC8902	PowerPlex® 21 System	200	reactions	1	Please Enquire
DC8942	PowerPlex® 21 System, 4 x 200rxn	1	each	1	Please Enquire
DC9271	PunchSolution™ Kit	100	preps	1	17640
DD1001	9947A DNA, 10 ng/ul	250	ng	1	10217
DD2011	K562 DNA High Molecular Weight	30	µg	1	6135
DD2061	9948 Male DNA, 10ng/ul	250	ng	1	9639
DD7101	2800M Control DNA, 10ng/ul	25	µl	1	8316
DD7251	2800M Control DNA 0.25ng/ul	500	µl	1	6521
DG1071	Internal Lane Standard 600	150	µl	1	Please Enquire
DG1521	CC5 Internal Lane Standard 500	300	µl	1	Please Enquire
DG1820	STR Normalization ManagerTM	3	CD-ROM	1	Please Enquire
DG2101	CTT Allelic Ladder Mix, 60 lanes	150	µl	1	75959
DG2121	CTTv Allelic Ladder Mix, (Fluorescein)	150	µl	1	85362
DG2141	FFv Allelic Ladder Mix, 60 lanes	150	µl	1	75959
DG3291	GammaSTR® Allelic Ladder Mix (Fluorescein)	150	µl	1	85362
DG3470	PowerTyper™ Macros	1	CD-ROM	1	Please Enquire
DG3481	CC5 Internal Lane Standard 500 Pro	300	µl	1	Please Enquire
DG3640	PowerPlex® Matrix Standards, 310/377	50	µl	1	13325
DG3801	CC5 Internal Lane Standard 500 Y23	300	µl	1	Please Enquire
DG4600	PowerPlex® 5-Dye Matrix Standards, 310	50	µl	1	10852
DG4640	PowerPlex® Matrix Standards, 310	50	µl	1	13325
DG4650	PowerPlex® Matrix Standards, 3100/3130	25ul(Each dye)		1	17719
DG4700	PowerPlex® 5-Dye Matrix Standards,3100/3130	25ul(Each dye)		1	14947
DM1231	5X AmpSolution™ Reagent	500	µl	1	14774
DM2211	STR 10X Buffer	1.2	ml	1	3963
DM2411	Gold ST-R 10X Buffer	1.2	ml	1	3963

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
DV3123	Agarose	1	kg	1	135910
DV4331	STR 2X Loading Solution	3	ml	1	4498
DV4351	Blue Dextran Loading Solution	3 × 1	ml	1	3963
DV4361	Gel Tracking Dye	4 × 250	µl	1	2678
DV4371	Bromophenol Blue Loading Solution	3 × 1	ml	1	4070
DW0991	Water, Amplification Grade	6,250	µl	1	3213
DY1051	ART® 10 Ultramicro Pipet Tip (0.5-10ul)	960	/pk	1	30877
DY1061	ART® 20E Ultramicro Pipet Tip, (0.5-10ul)	960	/pk	1	30877
DY1071	ART® 20P Pipet Tip (20ul)	960	/pk	1	30877
DY1081	ART® GEL Gel Loading Pipet Tip (100ul)	960	/pk	1	30877
DY1101	ART® 100 Pipet Tip (100ul)	960	/pk	1	30877
DY1111	ART® 100E Pipet Tip (100ul)	960	/pk	1	30877
DY1121	ART® 200 Pipet Tip (200ul)	960	/pk	1	30877
DY1131	ART® 1000E Pipet Tip (1,000ul)	800	/pk	1	30877
DY1151	Mineral Oil	12	ml	1	1944
E1000	CAT Enzyme Assay System	50	reactions	1	21184
E1051	Chloramphenicol Acetyltransferase	100	u	1	9211
E1061	n-Butyryl CoA (5mg/ml)	255	µl	1	7719
E1081	pSV-B-Gal Control	20	µg	1	14342
E1171	pGloSensor™ -20F cAMP Plasmid	20	µg	1	80919
E1200	ProFection® Mammalian Transfection Sys.-Calcium Phosphate	40	reactions	1	20132
E1261	GloSensor™ cAMP HEK293 Cell Line	2	vials	1	1471481
E1290	GloSensor™ cAMP Reagent	25	mg	1	49009
E1291	GloSensor™ cAMP Reagent	250	mg	1	196440
E1310	pGL4.50(luc2/CMV/Hygro) Vector	20	µg	1	40484
E1320	pGL4.51(luc2/CMV/Neo) Vector	20	µg	1	40484
E1330	pmirGLO Dual Luciferase miRNATarget Expression Vector	20	µg	1	45790
E1340	pGL4.33[luc2P/SRE/Hygro] Vector	20	µg	1	49606
E1350	pGL4.34[luc2P/SRF-RE/Hygro] Vector	20	µg	1	49606
E1360	pGL4.36[luc2P/MMTV/Hygro] Vector	20	µg	1	45790
E1370	pGL4.35(luc2P/9XGAL4UAS/Hygro) Vector	20	µg	1	45790
E1380	pFN26A(BIND) hRluc-neo Flexi® Vector	20	µg	1	45790
E1390	pBIND-ER(alpha) Vector	20	µg	1	45790
E1411	pCBR- Basic Vector	20	µg	1	49869
E1421	pCBR-Control Vector	20	µg	1	49869
E1431	pCBG68-Basic Vector	20	µg	1	49869
E1441	pCBG68-Control Vector	20	µg	1	49869
E1451	pCBG99-Basic Vector	20	µg	1	49869
E1461	pCBG99-Control Vector	20	µg	1	49869
E1483	Luciferase Assay Reagent	100	ml	1	83422
E1500	Luciferase Assay System	100	assays	1	12882
E1501	Luciferase Assay System, 10-pack	1,000	assays	1	83750
E1531	Luciferase Cell Culture Lysis5X Reagent	30	ml	1	6974
E1541	pGEM®-luc DNA	20	µg	1	14342
E1581	pBIND-GR Vector	20	µg	1	45790

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
E1601	Beetle Luciferin, Potassium Salt	5	mg	1	8026
E1602	Beetle Luciferin, Potassium Salt	50	mg	1	24869
E1603	Beetle Luciferin, Potassium Salt	250	mg	1	48421
E1605	Beetle Luciferin, Potassium Salt	1	g	1	90093
E1611	pGL2-Control DNA	20	µg	1	17632
E1621	pGL2-Enhancer DNA	20	µg	1	17632
E1631	pGL2-Promoter DNA	20	µg	1	17632
E1641	pGL2-Basic DNA	20	µg	1	17632
E1701	QuantiLum® Recombinant Luciferase	1	mg	1	9639
E1702	QuantiLum® Recombinant Luciferase	5	mg	1	38942
E1711	pAdVAntage™ Vector	20	µg	1	15658
E1721	pSI Vector	20	µg	1	46053
E1731	pCI Mammalian Expression Vector	20	µg	1	46053
E1741	pGL3-Control Vector	20	µg	1	36974
E1751	pGL3-Basic Vector	20	µg	1	36974
E1761	pGL3-Promoter Vector	20	µg	1	36974
E1771	pGL3-Enhancer Vector	20	µg	1	36974
E1841	pCI-neo Mammalian Expression Vector	20	µg	1	46053
E1851	pCAT® 3 Control Vector	20	µg	1	17632
E1861	pCAT® 3 Promoter Vector	20	µg	1	17632
E1871	pCAT® 3 Basic Vector	20	µg	1	17632
E1881	pCAT® 3 Enhancer vector	20	µg	1	17632
E1910	Dual-Luciferase® Reporter Assay System	100	assays	1	29050
E1941	Passive Lysis 5X Buffer	30	ml	1	10000
E1960	Dual-Luciferase® Reporter Assay System 10-Pack	1,000	assays	1	185800
E1980	Dual-Luciferase® Reporter 1000 Assay System	1,000	assays	1	171600
E2000	Beta-Galactosidase Enzyme Assay System	10	ml	1	19342
E2161	Star™ Printer Paper, 4 1/2" Roll	1	each	1	2785
E2181	Instrument Power Supply	1	each	1	52033
E2211	Interface Tubing for Auto Injector	1	each	1	46535
E2231	pRL-SV40 Vector	20	µg	1	17632
E2241	pRL-TK Vector	20	µg	1	17632
E2261	pRL-CMV Vector	20	µg	1	17632
E2271	pRL-null Vector	20	µg	1	17632
E2301	pGloSensor™ - 22F cAMP	20	µg	1	83578
E2311	FuGENE® HD Transfection Reagent	1	ml	1	56549
E2312	FuGENE® HD Transfection Reagent	5 × 1	ml	1	244066
E2371	Disposable Cuvettes 12mm x 50mm	1,000	/pack	1	19492
E2421	Test Tube Insert, 12mm	1	each	1	19305
E2431	TransFast™ Transfection Reagent	1.2	mg	1	37106
E2440	CheckMate™ Mammalian TwoHybrid System	1	system	1	83685
E2510	Steady-Glo® Luciferase Assay System	10	ml	1	13325
E2520	Steady-Glo® Luciferase Assay System	100	ml	1	94822
E2550	Steady-Glo® Luciferase Assay System	10 × 100	ml	1	731883
E2610	Bright-Glo™ Luciferase Assay System	10	ml	1	16202

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
E2620	Bright-Glo™ Luciferase Assay System	100	ml	1	97478
E2650	Bright-Glo™ Luciferase Assay System	10 × 100	ml	1	827369
E2661	Glo Lysis Buffer, 1X	100	ml	1	8022
E2670	QuantiFluor™ dsDNA System	1	ml	1	38556
E2691	FuGENE® 6 Transfection Reagent	1	ml	1	49855
E2692	FuGENE® 6 Transfection Reagent	5 × 1	ml	1	211139
E2693	FuGENE® 6 Transfection Reagent	0.5	ml	1	29013
E2710	Renilla-Glo™ Luciferase Assay System	10	ml	1	17369
E2720	Renilla-Glo™ Luciferase Assay System	100	ml	1	100400
E2750	Renilla-Glo™ Luciferase Assay System	10 × 100	ml	1	841313
E2810	Renilla Luciferase Assay System	100	assays	1	17929
E2820	Renilla Luciferase Assay System	1,000	assays	1	86987
E2851	Thermal Printer Paper	1	each	1	4686
E2920	Dual-Glo® Luciferase Assay System	10	ml	1	29600
E2940	Dual-Glo® Luciferase Assay System	100	ml	1	186500
E2980	Dual-Glo® Luciferase Assay System	10 × 100	ml	1	1332331
E3030	Primer Extension System	40	reactions	1	23966
E3050	Gel Shift Assay Core System	100	reactions	1	44700
E3091	HeLaScribe® Nuclear ExtractTranscription Grade	40	reactions	1	36891
E3092	HeLaScribe® Nuclear ExtractTranscription Grade	160	reactions	1	96537
E3110	HeLaScribe® Nuclear Extractin vitro Transcription System	40	reactions	1	49817
E3190	QuantiFluor™ ssDNA System	1	ml	1	39168
E3201	AP1 Consensus Oligonucleotide, 1.75pmol/ul	175	pmol	1	9021
E3202	AP1 Consensus Oligonucleotide, 1.75pmol/ul	35	pmol	1	3905
E3211	AP2 Consensus Oligonucleotide, 1.75pmol/ul	175	pmol	1	9021
E3212	AP2 Consensus Oligonucleotide, 1.75pmol/ul	35	pmol	1	3905
E3221	TFIID Oligonucleotide	175	pmol	1	9021
E3222	TFIID Oligonucleotide	35	pmol	1	3905
E3231	SP1 Consensus Oligonucleotide, 1.75 pmol/ul	175	pmol	1	9021
E3232	SP1 Consensus Oligonucleotide, 1.75 pmol/ul	35	pmol	1	3905
E3241	OCT1 Oligonucleotide	175	pmol	1	9021
E3242	OCT1 Oligonucleotide	35	pmol	1	3905
E3281	CREB Oligonucleotide	175	pmol	1	9021
E3282	CREB Oligonucleotide	35	pmol	1	3905
E3291	NFkB Oligonucleotide	175	pmol	1	9021
E3292	NFkB Oligonucleotide	35	pmol	1	3905
E3300	Gel Shift Assay System	100	reactions	1	55741
E3310	QuantiFluor™ RNA System	1	ml	1	44554
E3511	PhiX174 DNA/Hinf I Dephos. Markers	2.5	µg	1	7944
E3521	HeLaScribe® Nuclear ExtractGel Shift Assay Grade	3 × 40	µl	1	23158
E3581	Gel Shift Binding 5X Buffer	5 × 200	µl	1	48201
E3621	HeLaScribe® Nuclear ExtractPositive Control DNA	300	ng	1	9021
E3641	pGL4.37[luc2P/ARE/Hygro] Vector	20	µg	1	49606
E3651	pGL4.38[luc2P/p53 RE/Hygro] Vector	20	µg	1	49606
E3661	pGL4.39[luc2P/ATF6 RE/Hygro] Vectorr	20	µg	1	49606

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
E3671	pGL4.48[luc2P/SBE/Hygro] Vector	20	µg	1	49606
E3751	pGL4.41[luc2P/HSE/Hygro] Vector	20	µg	1	49606
E3790	rhTFIIB, 50gsu	50	gsu	1	27467
E3971	Reporter Lysis 5X Buffer	30	ml	1	6974
E4001	pGL4.42[luc2P/HRE/Hygro] Vector	20	µg	1	49606
E4030	Luciferase Assay System with Reporter Lysis Buffer	100	assays	1	12763
E4041	pGL4.47[luc2P/SIE/Hygro] Vector	20	µg	1	49606
E4111	pGL4.44[luc2P/AP1 RE/Hygro] Vector	20	µg	1	49606
E4121	pGL4.43[luc2P/XRE/Hygro] Vector	20	µg	1	49606
E4131	pGL4.40[luc2P/MRE/Hygro] Vector	20	µg	1	49606
E4141	pGL4.45[luc2P/ISRE/Hygro] Vector	20	µg	1	49606
E4221	Disposable Cuvettes 8mm x 50mm	1,000	/pack	1	15444
E4471	pSP-luc+NF Fusion Vector	20	µg	1	14211
E4481	RVprimer3 cw (20mer) 304pmole	2	µg	1	10263
E4491	RVprimer4, ccw	2	µg	1	10263
E4530	Luciferase Assay System Freezer Pack	1,000	assays	1	122040
E4550	Luciferase 1000 Assay System	1,000	assays	1	81580
E4611	pGL4.49[luc2P/TCF-LEF RE/Hygro] Vector	20	µg	1	49606
E4651	pGL4.52[luc2P/STAT5RE/Hygro] Vector	20	µg	1	49606
E4720	Beta-Glo® Assay System	10	ml	1	13026
E4740	Beta-Glo® Assay System	100	ml	1	95396
E4780	Beta-Glo® Assay System	10 × 100	ml	1	600663
E4910	Chroma-Glo(TM) Luciferase Assay System	10	ml	1	24342
E4920	Chroma-Glo(TM) Luciferase Assay System	100	ml	1	148291
E5341	GloMax® 20/20 Light Standard	1	each	1	114704
E5371	GloMax® 20/20 Test Tube Holder(1.5 ml Microfuge Tubes)	1	each	1	15294
E5381	GloMax® 20/20 Replacement Tubing(2),Valves(4), Tips(30)	1	each	1	27901
E5391	GloMax® 20/20 Replacement Valves	4	sets	1	17593
E5401	GloMax® Injector Tips Replacement	1	each	1	10858
E5411	GloMax® 20/20 Replacement Power Supply	1	each	1	35048
E5750	Erase-a-Base® System (MinusVectors & Strains)	1	system	1	93844
E6000	rCTP, rGTP, rUTP, & rATP (100mM ea)	4 × 400	µl	1	28140
E6011	rATP (100mM)	400	µl	1	7944
E6021	rUTP (100mM)	400	µl	1	7944
E6031	rGTP (100mM)	400	µl	1	7944
E6041	rCTP (100mM)	400	µl	1	7944
E6081	PCR Tube Adapter, GloMax® Multi Jr.	1	each	1	38572
E6091	Minicell Borosilicate Glass Cuvettes	400	each	1	27589
E6092	10X10mm Square Polystyrene Cuvette (3.5ml capacity)	100	each	1	16493
E6093	10X10mm Square Methacrylate Cuvette (3.5ml capacity)	100	each	1	16194
E6110	ONE-Glo™ Luciferase Assay System	10	ml	1	17105
E6120	ONE-Glo™ Luciferase Assay System	100	ml	1	113804
E6130	ONE-Glo™ Luciferase Assay System	1	L	1	926200
E6421	Monster Green® Fluorescent Protein phMGFP Vector	20	µg	1	77632
E6481	EnduRen™ Live Cell Substrate	0.34	mg	1	19053

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
E6482	EnduRen™ Live Cell Substrate	3.4	mg	1	118834
E6485	EnduRen™ Live Cell Substrate	34	mg	1	1023144
E6491	ViviRen™ Live Cell Substrate	0.37	mg	1	18899
E6492	ViviRen™ Live Cell Substrate	3.7	mg	1	118834
E6495	ViviRen™ Live Cell Substrate	37	mg	1	1002477
E6531	GloMax® Luminometer Light Plate	1	each	1	150840
E6541	GloMax® 96 Tubing Replacement Kit for Injectors	1	each	1	17868
E6551	Luciferin-EF™	25	mg	1	49969
E6552	Luciferin-EF™	250	mg	1	204558
E6651	pGL4.10[luc2] Vector	20	µg	1	45790
E6661	pGL4.11[luc2P] Vector	20	µg	1	45790
E6671	pGL4.12[luc2CP] Vector	20	µg	1	45790
E6681	pGL4.13[luc2/SV40] Vector	20	µg	1	45790
E6691	pGL4.14[luc2/Hygro] Vector	20	µg	1	45790
E6701	pGL4.15[luc2P/Hygro] Vector	20	µg	1	45790
E6711	pGL4.16[luc2CP/Hygro] Vector	20	µg	1	45790
E6721	pGL4.17(luc2/Neo) Vector	20	µg	1	45790
E6731	pGL4.18(luc2P/Neo) Vector	20	µg	1	45790
E6741	pGL4.19(luc2CP/Neo) Vector	20	µg	1	45790
E6751	pGL4.20[luc2/Puro] Vector	20	µg	1	45790
E6761	pGL4.21(luc2P/Puro) Vector	20	µg	1	45790
E6771	pGL4.22(luc2CP/Puro)Vector	20	µg	1	45790
E6881	pGL4.70[hRluc] Vector	20	µg	1	45790
E6891	pGL4.71[hRlucP] Vector	20	µg	1	45790
E6901	pGL4.72[hRlucCP] Vector	20	µg	1	45790
E6911	pGL4.73[hRluc/SV40] Vector	20	µg	1	45790
E6921	pGL4.74[hRluc/TK] Vector	20	µg	1	45790
E6931	pGL4.75[hRluc/CMV] Vector	20	µg	1	45790
E6941	pGL4.76[hRluc/Hygro] Vector	20	µg	1	45790
E6951	pGL4.77[hRlucP/Hygro] Vector	20	µg	1	45790
E6961	pGL4.78[hRlucCP/Hygro] Vector	20	µg	1	45790
E6971	pGL4.79[hRluc/Neo] Vector	20	µg	1	45790
E6981	pGL4.80[hRlucP/Neo] Vector	20	µg	1	45790
E6991	pGL4.81[hRlucCP/Neo]	20	µg	1	45790
E7110	ONE-Glo™ + Tox Luciferase & Cell Viability Assay	1	plate	1	28417
E7120	ONE-Glo™ + Tox Luciferase & Cell Viability Assay	10	plates	1	176756
E7501	pGL4.82(hRluc/Puro) Vector	20	µg	1	45790
E7511	pGL4.83(hRlucP/Puro)Vector	20	µg	1	45790
E7521	pGL4.84(hRlucCP/Puro) Vector	20	µg	1	45790
E8072	Cable, USB 2.0 A-B Male	1	each	1	5783
E8081	DB-15 Communication Cable	1	each	1	2249
E8411	pGL4.23 [luc2/minP] Vector	20	µg	1	45790
E8421	pGL4.24 [luc2P/minP] Vector	20	µg	1	45790
E8431	pGL4.25 [luc2CP/minP] Vector	20	µg	1	45790
E8441	pGL4.26 [luc2/minP/Hygro] Vector	20	µg	1	45790

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
E8451	pGL4.27 [luc2P/minP/Hygro] Vector	20	µg	1	45790
E8461	pGL4.28 [luc2CP/minP/Hygro] Vector	20	µg	1	45790
E8471	pGL4.29 [luc2P/CRE/Hygro] Vector	20	µg	1	45790
E8481	pGL4.30[luc2P/NFAT-RE/Hygro] Vector	20	µg	1	45790
E8491	pGL4.32[luc2P/NF-kB-RE/Hygro]Vector	20	µg	1	45790
E8500	GloResponse™ CRE-luc2P HEK293 Cell Line	2	vials	1	1442906
E8510	GloResponse™ NFAT-RE-luc2PHEK293 Cell Line	2	vials	1	1442906
E8520	GloResponse™ NF-kB-RE-luc2P HEK293 Cell Line	2	vials	1	1442906
E8530	GloResponse™ 9XGAL4 UASluc2PHEK293 Cell Line	2	vials	1	1442906
E8916	GloMax®-Multi Detection System External PC Connect	1	each	1	21123
E8925	Injector Inlet Tubing Assembly	1	set	1	15531
E8926	Injector Outlet Tubing Assembly for 1 Injector System	1	each	1	17843
E8927	Injector Outlet Tubing Assembly for 2 Injector System	1	each	1	28589
E8928	Waste Collection Tray	1	each	1	15119
E8929	490nm Absorbance Filter Set, GloMax® -Multi Detection Sys	1	each	1	20467
E8935	USB Flash Drive, 2.0, 2GB	1	each	1	5248
E8942	GloMax® Multi+ Detection Sys Power Supply-24V, 150W	1	each	1	26895
E8943	GloMax® Multi+ Detection Sys 6-384 Well Plate Adapter	1	each	1	26240
E8944	GloMax® Multi+ Detection Sys 96 Well Optical Crosstalk Mas	1	each	1	10365
E8945	GloMax® Multi+ Detection Sys 384 Well Optical Crosstalk Ms	1	each	1	10365
FF2000	ENLITEN® ATP Assay System	100	assays	1	25190
FF2021	ENLITEN® rLuciferase/ Luciferin Reagent	100	assays	1	20306
FF3750	Wizard® Magnetic DNA Purification Sys for Food	200	preps	1	104750
FF3751	Wizard® Magnetic DNA Purification Sys for Food	400	preps	1	188496
FF3760	Wizard® Magnetic 96 DNA Plant System	2 × 96	preps	1	55876
FF3761	Wizard® Magnetic 96 DNA Plant System	4 × 96	preps	1	109597
G0940	Caspase-Glo® 2 Assay	10	ml	1	53079
G0941	Caspase-Glo® 2 Assay	50	ml	1	167847
G0970	Caspase-Glo® 6 Assay	10	ml	1	53079
G0971	Caspase-Glo® 6 Assay	50	ml	1	167847
G1001	HaloTag® Alexa Fluor® 488 Ligand	30	µl	1	62204
G1002	HaloTag® Alexa Fluor® 488 Ligand	15	µl	1	38642
G1111	CellTiter 96® AQueous MTS Reagent Powder	1	g	1	112348
G1112	CellTiter 96® AQueous MTS Reagent Powder	250	mg	1	39135
G1131	Anti-NGF mAb, 1mg/ml	100	µg	1	69744
G1132	Anti-NGF mAb,1mg /ml	20	µg	1	19927
G1161	Chicken IgY, Control Immunoglobulin	1	mg	1	15484
G1180	Proteasome-Glo™ 3-Substrate Cell-Based Assay System	10	ml	1	147162
G1200	Proteasome-Glo™ 3-Substrate Cell-Based Assay System	50	ml	1	474202
G1221	Anti-TGFb1 pAb,	100	µg	1	51298
G1291	TGFbeta Sample 10X Buffer	20	ml	1	6867
G1321	pFC17K HaloTag® CMVd3 Flexi® Vector	20	µg	1	29217
G1351	Anti-Chicken IgY, HRP Conjugate	300	µl	1	17907
G1471	Human Genomic DNA: Mal	100	µg	1	16868
G1491	rhBDNF	5	µg	1	50490

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
G1521	Human Genomic DNA: Female	100	µg	1	16868
G1551	pFC17A HaloTag® CMVd3 Flexi® Vector	20	µg	1	29217
G1571	pFC16K HaloTag® CMVd2 Flexi® Vector	20	µg	1	29217
G1591	pFC16A HaloTag® CMVd2 Flexi® Vector	20	µg	1	29217
G1601	pFC15K HaloTag® CMVd1 Flexi® Vector	20	µg	1	29217
G1611	pFC15A HaloTag® CMVd1 Flexi® Vector	20	µg	1	29217
G1641	Anti-Human BDNF pAb	200	µg	1	51836
G1651	Anti-Human NT-3 pAb	200	µg	1	52240
G1681	pFC20A HaloTag® T7 SP6 Flexi® Vector	20	µg	1	29217
G1691	pFC20K HaloTag® T7 SP6 Flexi® Vector	20	µg	1	29217
G1711	Lambda DNA / Hind III Markers	100	µg	1	5789
G1721	Lambda DNA / EcoR I Markers	100	µg	1	5789
G1731	Lambda DNA / EcoR I + Hind III Markers	100	µg	1	5789
G1741	pGEM® DNA Markers	50	µg	1	13918
G1751	PhiX174 DNA / Hinf I Markers	50	µg	1	16381
G1761	PhiX174 DNA / Hae III Markers	50	µg	1	16381
G1780	CytoTox 96® Non-Radio. Cytotoxicity Assay, 10X96 well plt	1,000	assays	1	39450
G1821	Lysis Solution	5	ml	1	12982
G1841	pFN19K HaloTag® T7 SP6 Flexi® Vector	20	µg	1	29217
G1881	Blue/Orange Loading Dye, 6X	3	ml	1	4680
G1891	pFN19A HaloTag® T7 SP6 Flexi® Vector	20	µg	1	29217
G1912	HaloLink™ Resin	1.25	ml	1	12522
G1913	HaloLink™ Resin	2.5	ml	1	18042
G1914	HaloLink™ Resin	10	ml	1	41604
G1915	HaloLink™ Resin	25	ml	1	76341
G2101	100bp DNA Ladder	250	µl	1	13666
G2681	pFN18K HaloTag® T7 Flexi® Vector	20	µg	1	29217
G2751	pFN18A HaloTag® T7 Flexi® Vector	20	µg	1	29217
G2752	pFN18A HaloTag® T7 Flexi® Vector	2	µg	1	2289
G2781	rhGDNF	5	µg	1	50490
G2791	Anti-Human GDNF pAb	200	µg	1	52914
G2801	HaloTag® Oregon Green® Ligand	30	µl	1	62204
G2802	HaloTag® Oregon Green® Ligand	15	µl	1	38642
G2821	pFN21A HaloTag® CMV Flexi® Vector	20	µg	1	29217
G2831	pFN21K HaloTag® CMV Flexi® Vector	20	µg	1	29217
G2841	pFN22A HaloTag® CMVd1 Flexi® Vector	20	µg	1	29217
G2851	pFN22K HaloTag® CMVd1 Flexi® Vector	20	µg	1	29217
G2861	pFN23A HaloTag® CMVd2 Flexi® Vector	20	µg	1	29217
G2871	pFN23K HaloTag® CMVd2 Flexi® Vector	20	µg	1	29217
G2881	pFN24A HaloTag® CMVd3 Flexi® Vector	20	µg	1	29217
G2930	Griess Reagent System	1,000	assays	1	20465
G2981	pFN24K HaloTag® CMVd3 Flexi® Vector	20	µg	1	29217
G2991	HaloTag® TMRDirect™ Ligand	30	µl	1	64493
G3011	ProMega-Markers® Lambda Ladders	40–60	lanes	1	19657
G3041	Human Genomic DNA	100	µg	1	16868

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
G3091	Mouse Genomic DNA	100	µg	1	18330
G3161	PCR Marker	250	µl	1	11454
G3191	RNA Markers	50	µl	1	15904
G3221	HaloTag® R110Direct™ Ligand	30	µl	1	64493
G3231	Anti-Human p75 pAb	200	µg	1	54260
G3250	DeadEnd™ Fluorometric TUNEL System	60	reactions	1	69144
G3311	Block & Sample 5X Buffer	54	ml	1	7136
G3580	CellTiter 96® AQueous One Solution Assay	1,000	assays	1	37884
G3581	CellTiter 96® AQueous One Solution Assay	5,000	assays	1	124675
G3582	CellTiter 96® AQueous One Solution Assay	200	assays	1	10600
G3780	HaloTag® Flexi® Vectors-CMVDeletion Series Sample Pk	9 × 2	µg	1	29217
G4000	CellTiter 96® Non-Rad Cell Prolif Assay, 10X96well plt	1,000	assays	1	37699
G4100	CellTiter 96® Non-Rad Cell Prolif Assay, 50X96well plt	5,000	assays	1	108924
G4471	10bp DNA Step Ladder	32.5	µg	1	13784
G4481	Anti-VAChT pAb, 0.5mg/ml.	100	µg	1	26659
G4491	HaloTag® Standard Protein	30	µg	1	8314
G4511	25bp DNA Step Ladder	100	µg	1	13784
G4521	50bp DNA Step Ladder	90	µg	1	16140
G5021	rhEGF	100	µg	1	20465
G5071	rhFGF, Basic, Human	25	µg	1	41334
G5111	rhIGF-I	25	µg	1	40257
G5141	NGF, 2.5S, Murine	100	µg	1	48336
G5241	rhTNF-Alpha	10	µg	1	41334
G5381	Vitronectin, Human	100	µg	1	47025
G5421	CellTiter 96® AQueous NonRad Cell Prolif Ass,10X96plt	1,000	assays	1	32236
G5430	CellTiter 96® AQueous NonRad Prolif Ass, 50X96well plt	5,000	assays	1	104975
G5440	CellTiter 96® AQueous NonRad Prolif Ass, 500X96well plt	50,000	assays	1	848188
G5601	Anti-GFAP pAb	100	µg	1	26389
G5631	rhLung B Tryptase	100	µg	1	78764
G5711	DNA Ladder 1kb	500	µl	1	15149
G5740	B-Actin Primer Pair	20	reactions	1	22485
G5961	Caspase Inhibitor Ac-DEVD-CHO10mM	100	µl	1	25190
G6050	HaloTag® Cloning Starter System	1	each	1	42950
G6080	CellTiter-Fluor™ Cell Viability Assay	10	ml	1	16232
G6081	CellTiter-Fluor™ Cell Viability Assay	5 × 10	ml	1	64381
G6082	CellTiter-Fluor™ Cell Viability Assay	2 × 50	ml	1	99026
G6190	HaloLink™ Array Six Slide System	6	slides	1	115959
G6260	DUB-Glo™ Protease Assay (DUB/SENP/NEDP)	10	ml	1	57469
G6261	DUB-Glo™ Protease Assay (DUB/SENP/NEDP)	50	ml	1	181596
G6270	HaloTag® Protein Purification System, Sample Pack	1	each	1	38799
G6280	HaloTag® Protein Purification System	1	each	1	85474
G6320	ApoTox-Glo™ Triplex Assay	10	ml	1	80077
G6321	ApoTox-Glo™ Triplex Assay	5 × 10	ml	1	237314
G6410	ApoLive-Glo™ Multiplex Assay	10	ml	1	70159
G6411	ApoLive-Glo™ Multiplex Assay	5 × 10	ml	1	214706

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
G6420	HDAC-Glo™ I/II Assay	10	ml	1	59173
G6421	HDAC-Glo™ I/II Assay	5 × 10	ml	1	219009
G6422	HDAC-Glo™ I/II Assay	100	ml	1	285004
G6430	HDAC-Glo™ I/II Screening System	10	ml	1	63071
G6431	HDAC-Glo™ I/II Screening System	5 × 10	ml	1	233628
G6450	SIRT-Glo™ Assay	10	ml	1	59173
G6451	SIRT-Glo™ Assay	5 × 10	ml	1	219009
G6452	SIRT-Glo™ Assay	100	ml	1	285004
G6460	SIRT-Glo™ Control Substrate	35	µl	1	36200
G6470	SIRT-Glo™ Screening System	10	ml	1	63071
G6471	SIRT-Glo™ Screening System	5 × 10	ml	1	233628
G6500	HaloTag® Mammalian Pull-Down and Labeling System	24	reactions	1	56010
G6504	HaloTag® Mammalian Pull-Down System	24	reactions	1	39966
G6509	HaloTag® Complete Pull-Down System	1	each	1	178622
G6521	Protease Inhibitor Cocktail, 50X	1	ml	1	9189
G6540	Nicotinamide	30	µl	1	11556
G6550	HDAC-Glo™ I/II Control Substrate	10	µl	1	36200
G6560	Trichostatin A	10	µl	1	14619
G6570	HeLa Nuclear Extract	10	µl	1	16847
G6591	HaloTag® Control Vector	20	µg	1	26109
G6601	HaloTEV Protease, 5u/ul	1,000	u	1	14272
G6602	HaloTEV Protease, 5u/ul	4,000	u	1	42950
G6790	HaloTag® Mammalian Protein Purification System	1	each	1	67185
G6795	HaloTag® Mammalian Protein Detection&Purification System	1	each	1	80649
G6799	HaloTag® Mammalian Protein Detect & Purify System Smpl Pk	1	each	1	35680
G6941	1kb DNA Step Ladder	90	µg	1	12017
G6951	100bp DNA Step Ladder	100	µg	1	21061
G6961	200bp DNA Step Ladder	100	µg	1	16140
G7010	ADCC Reporter Bioassay, Core Kit	1	each	1	Please Enquire
G7013	ADCC Reporter Bioassay, Target Kit (WIL2-S)	1	each	1	Please Enquire
G7014	ADCC Reporter Bioassay, Complete Kit (WIL2-S)	1	each	1	Please Enquire
G7018	ADCC Reporter Bioassay, Core Kit 5X	1	each	1	Please Enquire
G7061	rhSkin ß Tryptase	100	µg	1	75668
G7102	ADCC Bioassay Effector Cells,Propagation Model	1	each	1	Please Enquire
G7121	Anti-betaIII Tubulin mAb	100	µg	1	39584
G7130	DeadEnd™ Colorimetric TUNEL System	40	reactions	1	68244
G7220	CaspACE™ Assay System, Colorimetric	100	assays	1	68887
G7231	Caspase Inhibitor Z-VAD-FMK 20mM	50	µl	1	36114
G7232	Caspase Inhibitor Z-VAD-FMK 20mM	125	µl	1	60276
G7281	Magne™ HaloTag® Beads, 20% Slurry	1	ml	1	18311
G7282	Magne™ HaloTag® Beads, 20% Slurry	5 (5 x 1ml)	ml	1	73783
G7291	Protein G HaloTag® Fusion Protein	5	mg	1	64717
G7341	Anti-PARP p85 Fragment pAb	50	µl	1	48838
G7351	CaspACE™ Assay System, Colorimetric	50	assays	1	49480
G7360	DeadEnd™ Colorimetric TUNEL System	20	reactions	1	47295

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
G7431	TMB One Solution	100	ml	1	12252
G7441	Anti-pS473 Akt pAb	40	µl	1	46781
G7451	Anti-Luciferase pAb	200	µg	1	28544
G7461	CaspACE™ FITC-VAD-FMK 5mM	50	µl	1	35343
G7462	CaspACE™ FITC-VAD-FMK 5mM	125	µl	1	73385
G7471	Magne™ Protein G Beads	1	ml	1	16022
G7472	Magne™ Protein G Beads	5 (5 x 1ml)	ml	1	62675
G7473	Magne™ Protein G Beads	50	ml	1	471083
G7481	Anti-ACTIVE® Caspase-3 pAb	50	µl	1	41383
G7511	BenchTop PhiX174 DNA/Hae III Markers	250	µl	1	18105
G7521	BenchTop pGEM® DNA Markers	250	µl	1	15765
G7531	BenchTop PCR Markers	300	µl	1	18721
G7541	BenchTop 1kb DNA Ladder	600	µl	1	16140
G7570	CellTiter-Glo® Luminescent Cell Viability	10	ml	1	13733
G7571	CellTiter-Glo® Luminescent Cell Viability	10 × 10	ml	1	61250
G7572	CellTiter-Glo® Luminescent Cell Viability	100	ml	1	47425
G7573	CellTiter-Glo® Luminescent Cell Viability	10 × 100	ml	1	405290
G7590	TGFb1 Emax® ImmunoAssay System	2 × 96	wells	1	54664
G7591	TGFb1 Emax® ImmunoAssay System	5 × 96	wells	1	106366
G7610	BDNF Emax® ImmunoAssay System	2 × 96	wells	1	54664
G7611	BDNF Emax® ImmunoAssay System	5 × 96	wells	1	106366
G7620	GDNF Emax® ImmunoAssay System	2 × 96	wells	1	54664
G7621	GDNF Emax® ImmunoAssay System	5 × 96	wells	1	106366
G7630	NGF Emax® ImmunoAssay System	2 × 96	wells	1	54664
G7631	NGF Emax® ImmunoAssay System	5 × 96	wells	1	106366
G7711	pHTC HaloTag® CMV-neo Vector	20	µg	1	29026
G7721	pHTN HaloTag® CMV-neo Vector	20	µg	1	29026
G7781	Apo-ONE® Homogeneous Caspase-3/7 Buffer	100	ml	1	189053
G7790	Apo-ONE® Homogeneous Caspase -3/7 Assay	10	ml	1	52565
G7791	Apo-ONE® Homogeneous Caspase -3/7 Assay	100	ml	1	265651
G7792	Apo-ONE® Homogeneous Caspase -3/7 Assay	1	ml	1	9639
G7890	CytoTox-ONE™ Homogen Membrn Integrity Assay	200–800	assays	1	18042
G7891	CytoTox-ONE™ Homogen Membrn Integrity Assay	1,000–4,000	assays	1	53445
G7892	CytoTox-ONE™ Homogen Membrane Integrity Assay, HTP	1,000–4,000	assays	1	56010
G7940	Bio-Glo™ Luciferase Assay System	1	each	1	117351
G7971	pH6HTN His6HaloTag® T7 Vector	20	µg	1	29026
G8000	Mitochondrial ToxGlo™ Assay	10	ml	1	29176
G8001	Mitochondrial ToxGlo™ Assay	100	ml	1	137142
G8031	pH6HTC His6HaloTag® T7 Vector	20	µg	1	29026
G8080	CellTiter-Blue® Cell Viability Assay	20	ml	1	15349
G8081	CellTiter-Blue® Cell Viability Assay	100	ml	1	42681
G8082	CellTiter-Blue® Cell Viability Assay	10 × 100	ml	1	369721
G8090	Caspase-Glo® 3/7 Assay	2.5	ml	1	15808
G8091	Caspase-Glo® 3/7 Assay	10	ml	1	53600
G8092	Caspase-Glo® 3/7 Assay	100	ml	1	270560

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
G8093	Caspase-Glo® 3/7 Assay	10 × 10	ml	1	404460
G8200	Caspase-Glo® 8 Assay	2.5	ml	1	15808
G8201	Caspase-Glo® 8 Assay	10	ml	1	54317
G8202	Caspase-Glo® 8 Assay	100	ml	1	274240
G8210	Caspase-Glo® 9 Assay	2.5	ml	1	15808
G8211	Caspase-Glo® 9 Assay	10	ml	1	54317
G8212	Caspase-Glo® 9 Assay	100	ml	1	274240
G8230	BacTiter-Glo™ Microbial Cell Viability Assay	10	ml	1	14191
G8231	BacTiter-Glo™ Microbial Cell Viability Assay	10 × 10	ml	1	64973
G8232	BacTiter-Glo™ Microbial Cell Viability Assay	100	ml	1	50503
G8233	BacTiter-Glo™ Microbial Cell Viability Assay	10 × 100	ml	1	430740
G8251	HaloTag® TMR Ligand	30	µl	1	62204
G8252	HaloTag® TMR Ligand	15	µl	1	38642
G8261	pFN29A His6HaloTag® T7 Flexi® Vector	20	µg	1	31652
G8272	HaloTag® diAcFAM Ligand	30	µl	1	62204
G8273	HaloTag® diAcFAM Ligand	15	µl	1	38642
G8281	HaloTag® Biotin Ligand	30	µl	1	64493
G8282	HaloTag® Biotin Ligand	15	µl	1	38642
G8291	BenchTop 100bp DNA Ladder	300	µl	1	14019
G8321	pFC30A His6HaloTag® T7 Flexi® Vector	20	µg	1	31652
G8331	pFN29K His6HaloTag® T7 Flexi® Vector	20	µg	1	29217
G8350	DPPIV-Glo™ Protease Assay	10	ml	1	40392
G8351	DPPIV-Glo™ Protease Assay	50	ml	1	104885
G8381	pFC30K His6HaloTag® T7 Flexi® Vector	20	µg	1	29217
G8421	pFC27A HaloTag® CMV-neo Flexi® Vector	20	µg	1	31652
G8431	pFC27K HaloTag® CMV-neo Flexi® Vector	20	µg	1	31652
G8441	pFN28A HaloTag® CMV-neo Flexi® Vector	20	µg	1	31652
G8451	pFN28K HaloTag® CMV-neo Flexi® Vector	20	µg	1	31652
G8461	CellTiter-Glo® One Solution Assay	100	ml	1	52947
G8462	CellTiter-Glo® One Solution Assay	500	ml	1	228708
G8471	HaloTag® Alexa Fluor® 660 Ligand	30	µl	1	62204
G8472	HaloTag® Alexa Fluor® 660 Ligand	15	µl	1	38642
G8501	Calpain-Glo™ Protease Assay	10	ml	1	40392
G8502	Calpain-Glo™ Protease Assay	50	ml	1	104885
G8531	Proteasome-Glo™ 3-Substrate System	10	ml	1	101249
G8532	Proteasome-Glo™ 3-Substrate System	50	ml	1	290418
G8581	HaloTag® Coumarin Ligand	30	µl	1	62204
G8582	HaloTag® Coumarin Ligand	15	µl	1	38642
G8591	HaloTag® PEG-Biotin Ligand	30	µl	1	62204
G8592	HaloTag® PEG-Biotin Ligand	15	µl	1	38642
G8621	Proteasome-Glo™ Chymotrypsin-Like Assay	10	ml	1	40392
G8622	Proteasome-Glo™ Chymotrypsin-Like Assay	50	ml	1	104885
G8631	Proteasome-Glo™ TrypsinLike Assay	10	ml	1	40392
G8632	Proteasome-Glo™ TrypsinLike Assay	50	ml	1	104885
G8641	Proteasome-Glo™ CaspaseLike Assay	10	ml	1	40392

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
G8642	Proteasome-Glo™ CaspaseLike Assay	50	ml	1	104885
G8660	Proteasome-Glo™ Chymotrypsin-Like Cell-Bas Asy	10	ml	1	59242
G8661	Proteasome-Glo™ Chymotrypsin-Like Cell-Bas Asy	5 × 10	ml	1	185399
G8662	Proteasome-Glo™ Chymotrypsin-Like Cell-Bas Asy	2 × 50	ml	1	303209
G8731	CellTox™ Green Express Cytotoxicity Assay	200	µl	1	87965
G8741	CellTox™ Green Cytotoxicity Assay	10	ml	1	16493
G8742	CellTox™ Green Cytotoxicity Assay	50	ml	1	59690
G8743	CellTox™ Green Cytotoxicity Assay	100	ml	1	92677
G8760	Proteasome-Glo™ TrypsinLike Cell-Based Assay	10	ml	1	59242
G8761	Proteasome-Glo™ TrypsinLike Cell-Based Assay	5 × 10	ml	1	185399
G8781	Magne™ Protein A Beads, 20% Slurry	1	ml	1	16022
G8782	Magne™ Protein A Beads, 20% Slurry	5	ml	1	62675
G8783	Magne™ Protein A Beads, 20% Slurry	50	ml	1	471083
G8860	Proteasome-Glo™ CaspaseLike Cell-Based Assay	10	ml	1	59242
G8861	Proteasome-Glo™ CaspaseLike Cell-Based Assay	5 × 10	ml	1	185399
G9200	MultiTox-Fluor Multiplex Cytotoxicity Assay	10	ml	1	29890
G9201	MultiTox-Fluor Multiplex Cytotoxicity Assay	5 × 10	ml	1	81726
G9202	MultiTox-Fluor Multiplex Cytotoxicity Assay	2 × 50	ml	1	148508
G9211	Anti-HaloTag® Monoclonal Antibody	200	µg	1	42950
G9260	CytoTox-Fluor™ Cytotoxicity Assay	10	ml	1	16022
G9261	CytoTox-Fluor™ Cytotoxicity Assay	5 × 10	ml	1	63550
G9262	CytoTox-Fluor™ Cytotoxicity Assay	2 × 50	ml	1	97749
G9270	MultiTox-Glo Multiplex Cytotoxicity Assay	10	ml	1	29890
G9271	MultiTox-Glo Multiplex Cytotoxicity Assay	5 × 10	ml	1	81726
G9272	MultiTox-Glo Multiplex Cytotoxicity Assay	2 × 50	ml	1	148508
G9281	Anti-HaloTag® pAb	200	µg	1	38642
G9290	CytoTox-Glo™ Cytotoxicity Assay	10	ml	1	16022
G9291	CytoTox-Glo™ Cytotoxicity Assay	5 × 10	ml	1	63550
G9292	CytoTox-Glo™ Cytotoxicity Assay	2 × 50	ml	1	97749
G9381	Mammalian Lysis Buffer	40	ml	1	6564
G9410	HaloCHIP™ System	20	reactions	1	67185
G9441	Digitonin	40	µl	1	12656
G9451	Protease-Glo(TM) Assay	1	each	1	134775
G9461	pGloSensor™-10F Linear Vector	1	µg	1	80919
G9500	Cell ID(TM) System	50	reactions	1	133698
G9530	StemElite™ ID System	50	reactions	1	127369
G9651	pFC14A HaloTag® CMV Flexi® Vector	20	µg	1	29217
G9661	pFC14K HaloTag® CMV Flexi® Vector	20	µg	1	29217
H5001	Boric Acid	500	g	1	6642
H5003	Boric Acid	1	kg	1	10869
H5031	EDTA Disodium Salt	100	g	1	5435
H5032	EDTA Disodium Salt	500	g	1	15097
H5041	Ethidium Bromide Solution	10	ml	1	6039
H5051	Formamide	100	ml	1	8001
H5052	Formamide	500	ml	1	16908

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
H5071	Glycine	500	g	1	8907
H5073	Glycine	1	kg	1	15247
H5113	Sodium Dodecyl Sulfate	100	g	1	7548
H5114	Sodium Dodecyl Sulfate	500	g	1	20380
H5115	Sodium Dodecyl Sulfate	1	kg	1	38647
H5121	Tris-HCl (Tris-Hydrochloride)	100	g	1	6642
H5123	Tris-HCl (Tris-Hydrochloride)	500	g	1	15549
H5125	Tris-HCl (Tris-Hydrochloride)	2,500	g	1	62349
H5131	Tris Base	500	g	1	10115
H5133	Tris Base	100	g	1	4076
H5135	Tris Base	2,500	g	1	35628
H5141	Triton® X-100	500	ml	1	14644
H5142	Triton® X-100	100	ml	1	4378
H5151	Tween® 20	500	ml	1	11171
H5152	Tween® 20	100	ml	1	5284
H5252	Ammonium Sulfate	5	kg	1	19927
H5271	Sodium Chloride	500	g	1	5435
H5273	Sodium Chloride	1	kg	1	7548
H5302	HEPES (free acid)	100	g	1	10266
H5303	HEPES (free acid)	500	g	1	41364
H5381	Guanidine-HCl (Guanidium-Chloride)	100	g	1	5586
H5383	Guanidine-HCl (Guanidium-Chloride)	500	g	1	22947
H5433	Glycerol,	1,000	ml	1	7850
K9981	Bacterial Strain LE392	500	µl	1	7840
L1001	JM109 Competent Cells	1	ml	1	12369
L1020	E. coli S30 Extract System for Circular DNA	30	reactions	1	51448
L1030	E. coli S30 Extract System for Linear Templates	30	reactions	1	51448
L1061	pF25A ICE T7 Flexi® Vector	20	µg	1	32369
L1081	pF25K ICE T7 Flexi® Vector	20	µg	1	32369
L1101	TNT® T7 Insect Cell ExtractProtein Expression Sys.	10	reactions	1	21579
L1102	TNT® T7 Insect Cell ExtractProtein Expression Sys.	40	reactions	1	75395
L1110	S30 T7 High-Yield Protein Expression System	24	reactions	1	54474
L1115	S30 T7 High-Yield Protein Expression System	8	reactions	1	21077
L1130	E. coli T7-S30 Extract Systemfor Circular DNA	30	reactions	1	54211
L1170	TNT® T7 Quick Coupled Transcription/Translation System	40	reactions	1	68673
L1171	TNT® T7 Quick Coupled T/T System, Trial Size	5	reactions	1	18421
L1191	BL21(DE3)pLysS Competent Cells >10x6 cfu/ug	1	ml	1	20395
L1195	Single-use BL21(DE3)pLysS, >10x6cfu/µg	20 x 50	µl	1	33334
L1210	TNT® T7 Quick Starter Bundle Chemiluminescent	1	each	1	108685
L1215	TNT® T7 Quick Starter Bundle Colorimetric	1	each	1	95527
L2001	JM109 Competent Cells (5x 200ul)	1	ml	1	17401
L2005	Single-use JM109 Competent Cells, >10x8cfu/µg	20 x 50	µl	1	28070
L2011	HB101 Competent Cells (5x 200ul)	1	ml	1	14605
L2015	Single-use HB101 Competent Cells, >10x8cfu/µg	20 x 50	µl	1	24562
L2080	TNT® SP6 Quick Coupled Trans cription/Translation System	40	reactions	1	67501

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
L2081	TNT® SP6 Quick Coupled T/T System, Trial Size	5	reactions	1	18553
L3002	Single Step (KRX) Competent Cells	20 × 50	µl	1	34869
L3260	TNT® SP6 HighYield Wheat Germ Protein Expression Sys	4 × 300	µl	1	75790
L3261	TNT® SP6 HighYield Wheat Germ Protein Expression Sys	1 × 300	µl	1	23553
L4120	TNT® T3 Coupled Wheat Germ Extract System	40	reactions	1	62237
L4130	TNT® SP6 Coupled Wheat GermExtract System	40	reactions	1	62237
L4140	TNT® T7 Coupled Wheat Germ Extract System	40	reactions	1	62237
L4151	Rabbit Reticulocyte Lysate, Untreated	1	ml	1	15921
L4330	Rabbit Reticulocyte Lysate/ Wheat Germ Extract Combination	24	reactions	1	25000
L4380	Wheat Germ Extract	5 × 200	µl	1	22237
L4461	Amino Acid Mixture, Complete	175	µl	1	7237
L4471	Amino Acid Mixture Minus Cysteine	175	µl	1	7237
L4540	Flexi® Rabbit Reticulocyte Lysate System	30	reactions	1	24737
L4561	Luciferase Control RNA	20	µg	1	12369
L4581	Magnesium Acetate 25mM	100	µl	1	5790
L4591	Potassium Chloride 2.5M	200	µl	1	5790
L4600	TNT® SP6 Coupled Reticulocyte Lysate System	40	reactions	1	66316
L4601	TNT® SP6 Coupled Reticulocyte Lysate System, Trial Size	8	reactions	1	18421
L4610	TNT® T7 Coupled Reticulocyte Lysate System	40	reactions	1	65160
L4611	TNT® T7 Coupled Reticulocyte Lysate System - Trial Size	8	reactions	1	18421
L4731	pGEM® B-Gal Control DNA	20	µg	1	13026
L4741	Luciferase SP6 Control DNA	20	µg	1	13026
L4821	Luciferase T7 Control DNA	20	µg	1	13026
L4950	TNT® T3 Coupled Reticulocyte Lysate System	40	reactions	1	66711
L4960	Rabbit Reticulocyte Lysate System, Nuclease Treated	30 X 50 ul	reactions	1	21720
L5001	FluoroTect™ Green(Lys) In Vitro Translation Labeling Sys	40	reactions	1	44737
L5010	TNT® T7/T3 Coupled Reticulocyte Lysate System	40	reactions	1	66711
L5020	TNT® T7/SP6 Coupled Reticulocyte Lysate System	40	reactions	1	68948
L5030	TNT® T7/SP6 Coupled Wheat Germ Extract System	40	reactions	1	63948
L5040	TNT® T7/T3 Coupled Wheat Germ Extract System	40	reactions	1	63948
L5061	Transcend™ tRNA	30	µl	1	21579
L5070	Transcend™ Colorimetric Translation Detection System	30	reactions	1	27503
L5080	Transcend™ Chemiluminescent Translation Detection System	30	reactions	1	40227
L5511	Amino Acid Mixture Minus Methionine/Cysteine, 1mM	175	µl	1	7237
L5540	TNT® T7 Quick for PCR DNA	40	reactions	1	67501
L5610	pTNT(TM) Vector	20	µg	1	22237
L5620	pCMVTNT™ Vector	20	µg	1	27105
L5671	pF3A WG (BYDV) Flexi® Vector	20	µg	1	35658
L5681	pF3K WG (BYDV) Flexi® Vector	20	µg	1	35658
L5701	L-Rhamnose Monohydrate	10	g	1	5526
L5702	L-Rhamnose Monohydrate	50	g	1	19737
L5900	T7 Sample System	1	each	1	16842
L9951	Amino Acid Mixture Minus Leucine	175	µl	1	7237
L9961	Amino Acid Mixture Minus Methionine	175	µl	1	7237
M1051	T4 RNA Ligase	500	u	1	14394

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
M1060	Subcloning Tools Bundle	1	each	1	40259
M1701	M-MLV Reverse Transcriptase	10,000	u	1	7317
M1705	M-MLV Reverse Transcriptase	50,000	u	1	27896
M1794	T4 DNA Ligase (HC)	500	u	1	21929
M1801	T4 DNA Ligase	100	u	1	5488
M1804	T4 DNA Ligase	500	u	1	21723
M1811	Exonuclease III	5,000	u	1	9559
M1815	Exonuclease III	25,000	u	1	30925
M1821	Alkaline Phosphatase Calf Intestinal	1,000	u	1	8771
M1833	CIAP Buffer Pack	1.5	ml	1	2924
M1871	Terminal Deoxynucleotidyl Tran sferase (recombinant)	300	u	1	8996
M1875	Terminal Deoxynucleotidyl Tran sferase (recombinant)	1,500	u	1	31487
M1893	Terminal Transferase Buffer Pack	3 × 500	µl	1	2437
M1941	Tfl DNA Polymerase	100	u	1	7271
M1945	Tfl DNA Polymerase	1,000	u	1	61127
M2051	DNA Polymerase I	500	u	1	15069
M2055	DNA Polymerase I	2,500	u	1	56902
M2101	Tth DNA Polymerase	100	u	1	12791
M2105	Tth DNA Polymerase	500	u	1	52510
M2181	Klenow frag. Exo minus	100	u	1	6185
M2201	DNA Polymerase I Large (Klenow) Fragment	150	u	1	12370
M2206	Klenow Fragment	500	u	1	30025
M2825	Alkaline Phosphatase Calf Intestinal (HC)	1,000	u	1	8771
M2851	Topoisomerase I	200	u	1	17093
M3001	GoTaq® DNA Polymerase	100	u	1	5655
M3005	GoTaq® DNA Polymerase	500	u	1	24740
M3008	GoTaq® DNA Polymerase	2,500	u	1	109563
M3011	Single-Stranded DNA Binding Protein	100	µg	1	10346
M3681	M-MLV RT RNase (H-) Point Mutant	2,500	u	1	5998
M3682	M-MLV RT RNase (H-) PointMutant	10,000	u	1	22491
M3683	M-MLV RT RNase (H-) Point Mutant	50,000	u	1	73471
M4021	GoTaq® Long PCR Master Mix	100	reactions	1	62832
M4101	T4 Polynucleotide Kinase	100	u	1	6185
M4103	T4 Polynucleotide Kinase	1,000	u	1	45319
M4211	T4 DNA Polymerase	100	u	1	10908
M4215	T4 DNA Polymerase	500	u	1	42733
M4261	RNase ONE™ Ribonuclease	1,000	u	1	12483
M4265	RNase ONE™ Ribonuclease	5,000	u	1	40821
M4281	RNase H	50	u	1	22154
M4285	RNase H	250	u	1	81642
M4311	Mung Bean Nuclease	2,000	u	1	10346
M5001	GoTaq® Hot Start Polymerase	100	u	1	10681
M5005	GoTaq® Hot Start Polymerase	500	u	1	48066
M5006	GoTaq® Hot Start Polymerase	2,500	u	1	216142
M5008	GoTaq® Hot Start Polymerase	10,000	u	1	787128

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
M5101	AMV Reverse Transcriptase	300	u	1	11433
M5108	AMV Reverse Transcriptase	1,000	u	1	30526
M5122	GoTaq® Hot Start Green Master Mix	100	reactions	1	14923
M5123	GoTaq® Hot Start Green Master Mix	1,000	reactions	1	118752
M5132	GoTaq® Hot Start Colorless Master Mix	100	reactions	1	14923
M5133	GoTaq® Hot Start Colorless Master Mix	1,000	reactions	1	118752
M5301	M-MLV Reverse Transcriptase, RNase (H-)	10,000	u	1	18274
M5313	M-MLV Reverse Transcriptase Buffer Pack	2 × 1	ml	1	2193
M5761	S1 Nuclease	10,000	u	1	4498
M6101	RQ1 RNase-Free Dnase	1,000	u	1	5510
M7122	GoTaq® Green Master Mix	100	reactions	1	4855
M7123	GoTaq® Green Master Mix	1,000	reactions	1	42860
M7132	GoTaq® Colorless Master Mix US Version	100	reactions	1	4855
M7133	GoTaq® Colorless Master Mix, US Version	1,000	reactions	1	42860
M7501	PCR Master Mix (2X)	10	reactions	1	1178
M7502	PCR Master Mix (2X)	100	reactions	1	9915
M7505	PCR Master Mix (2X)	1,000	reactions	1	77990
M7660	GoTaq® PCR Core System I	200	reactions	1	14137
M7665	GoTaq® PCR Core System II	200	reactions	1	15551
M7911	5X Green GoTaq® Reaction Buffer	20	ml	1	6185
M7921	5X Colorless GoTaq® Reaction Buffer	20	ml	1	6185
M8221	LigaFast™ Rapid DNA Ligation System	30	reactions	1	9559
M8225	LigaFast™ Rapid DNA Ligation System	150	reactions	1	31487
M8295	GoTaq® Flexi DNA Polymerase	500	u	1	5000
M8901	5X Colorless GoTaq® Flexi Reaction Buffer	20	ml	1	6185
M8911	5X Green GoTaq® Flexi Reaction Buffer	20	ml	1	6185
M9004	AMV Reverse Transcriptase (HC)	600	u	1	21479
M9910	TSAP Thermosensitive Alkaline Phosphatase	100	u	1	7422
MA1010	ISOQUANT® Isoaspartate Detection Kit	100	assays	1	185669
MB1004	MagaZorb® DNA Mini-Prep Kit	200	preps	1	72209
MB1008	MagaZorb® DNA Mini-Prep Kit	800	preps	1	264170
MB2004	MagaZorb® Total RNA MiniPrep Kit	200	preps	1	171406
MC5005	Proteinase K (PK) Solution	4	ml	1	19706
MC5008	Proteinase K (PK) Solution	16	ml	1	76141
MD1360	MagneSil® Blood Genomic, Max Yield System	1 × 96	preps	1	36600
MD1370	MagneSil® ONE, Fixed Yield Blood Genomic System	1 × 96	preps	1	42726
MD1392	Lysis Buffer, Blood	160	ml	1	16265
MD1401	Salt Wash, Blood	90	ml	1	14299
MD1411	Alcohol Wash, Blood	70	ml	1	2502
MD1412	Alcohol Wash, Blood	120	ml	1	5541
MD1421	Elution Buffer, Blood	45	ml	1	1787
MD1431	Anti-Foam Reagent	300	µl	1	2145
MD1441	MagneSil® PMPs	25	ml	1	21627
MD1451	MagneSil® PMPs-Fixed Yield	25	ml	1	33960
MD1460	MagneSil® KF Genomic System	200	preps	1	75398

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
MD1471	MagneSil® KF, Paramagnetic Particles	40	ml	1	26569
MD1490	MagneSil® Genomic Fixed Tissue System	100	samples	1	40684
MD1521	Lysis Buffer, KF	160	ml	1	18311
MD1531	Y Chromosome Deletion Detection System, Version 2.0	25	reactions	1	191366
MD1641	MSI Analysis System Version 1.2	100	reactions	1	218484
N1001	pNL1.1 [Nluc] Vector	20	µg	1	49606
N1011	pNL1.2 [NlucP] Vector	20	µg	1	49606
N1021	pNL1.3 [secNluc] Vector	20	µg	1	49606
N1031	pNL3.1 [Nluc/minP] Vector	20	µg	1	49606
N1041	pNL3.2 [NlucP/minP] Vector	20	µg	1	49606
N1051	pNL3.3 [secNluc/minP] Vector	20	µg	1	49606
N1061	pNL2.1 [Nluc/Hygro] Vector	20	µg	1	49606
N1071	pNL2.2 [NlucP/Hygro] Vector	20	µg	1	49606
N1081	pNL2.3 [secNluc/Hygro] Vector	20	µg	1	49606
N1091	pNL1.1.CMV [Nluc/CMV] Vector	20	µg	1	49606
N1101	pNL1.3 CMV [secNluc/CMV] Vector	20	µg	1	49606
N1110	Nano-Glo™ Luciferase Assay,	10	ml	1	19101
N1111	pNL3.2 NF-kB-RE [NlucP/NF-kB-RE/Hygro]	20	µg	1	49606
N1120	Nano-Glo™ Luciferase Assay	100	ml	1	108904
N1130	Nano-Glo™ Luciferase Assay	10 x 10	ml	1	130714
N1150	Nano-Glo™ Luciferase Assay	10x100	ml	1	911718
N2111	Rnasin® RNase Inhibitor	2,500	u	1	22737
N2115	Rnasin® RNase Inhibitor	10,000	u	1	55960
N2511	Recombinant Rnasin® RNase Inhibitor	2,500	u	1	13195
N2515	Recombinant Rnasin® RNase Inhibitor	10,000	u	1	32044
N2611	Rnasin® Plus RNase Inhibitor	2,500	u	1	15197
N2615	Rnasin® Plus RNase Inhibitor	10,000	u	1	38406
P1041	VivoGlo™ Luciferin, In Vivo Grade	50	mg	1	24235
P1042	VivoGlo™ Luciferin, In Vivo Grade	250	mg	1	51163
P1043	VivoGlo™ Luciferin, In Vivo Grade	1	g	1	107981
P1061	VivoGlo™ Luciferin-beta-Gal Subst.(6-O-beta-gal luc)	50	mg	1	106366
P1062	VivoGlo™ Luciferin-beta-Gal Subst. (6-O-beta-galac)	250	mg	1	347237
P1081	SP6 RNA Polymerase	5,000	u	1	83409
P1085	SP6 RNA Polymerase	1,000	u	1	24033
P1111	EnduRen™ In Vivo Renilla Luciferase Substrate	0.34	mg	1	17234
P1112	EnduRen™ In Vivo Renilla Luciferase Substrate	3.4	mg	1	108385
P1121	Riboprobe® System Buffers	1	system	1	10956
P1132	rATP 10mM	0.5	ml	1	4948
P1142	rCTP 10mM	0.5	ml	1	4948
P1152	rGTP 10mM	0.5	ml	1	4948
P1162	rUTP 10mM	0.5	ml	1	4948
P1171	DTT 100mM (Dithiothreitol)	100	µl	1	1885
P1181	Transcription Optimized 5x Buffer	200	µl	1	1885
P1193	Water, Nuclease-Free	50	ml	1	5184
P1195	Nuclease-Free Water	150	ml	1	7422

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
P1221	rATP rCTP rGTP rUTP each at 10mM	0.5	ml	1	13902
P1231	ViviRen™ In Vivo Renilla Luciferase Substrate	0.37	mg	1	17234
P1232	ViviRen™ In Vivo Renilla Luciferase Substrate	3.7	mg	1	108385
P1241	pSP64(polyA) Vector	20	µg	1	10956
P1280	RiboMAX™ Large Scale RNA Production System - SP6	1	system	1	34636
P1300	RiboMAX™ Large Scale RNA Production System - T7	1	system	1	34636
P1320	T7 RiboMAX™ Express Large Scale RNA Production System	1	system	1	42765
P1420	Riboprobe® System - SP6	1	system	1	18143
P1430	Riboprobe® System - T3	1	system	1	18143
P1440	Riboprobe® System - T7	1	system	1	18143
P1450	Riboprobe® System - T3/T7	1	system	1	31220
P1460	Riboprobe® System - SP6/T7	1	system	1	31220
P1621	Luciferin-4A	3	mg	1	24101
P1651	Luciferin-4F2/3	3	mg	1	25963
P1661	Luciferin-4F12	3	mg	1	24101
P1671	Luciferin-2J2/4F12	3	mg	1	24101
P1681	HaloTag® Iodoacetamide (O2)Ligand	5	mg	1	66378
P1691	HaloTag® Succinimidyl Ester (O2) Ligand	5	mg	1	64493
P1700	T7 RiboMAX™ Express RNAi System	50 × 20µl	reactions	1	55371
P1711	Ribo m^7G Cap Analog	10	A_{254} units	1	23326
P1712	Ribo m^7G Cap Analog	25	A_{254} units	1	42235
P1721	Luciferin-NAT2	3	mg	1	25963
P1731	Luciferin-MultiCYP	3	mg	1	24101
P1741	Luciferin-3A7	3	mg	1	25963
P1781	VivoGlo™ Caspase 3/7 Substrate Sodium Salt	50	mg	1	152132
P1782	VivoGlo™ Caspase 3/7 Substrate Sodium Salt	5 × 50	mg	1	529618
P2075	T7 RNA Polymerase	1,000	u	1	8247
P2077	T7 RNA Polymerase	5,000	u	1	27803
P2083	T3 RNA Polymerase	1,000	u	1	5655
P2151	pGEM®-3Z Vector	20	µg	1	10839
P2161	pGEM®-4Z Vector	20	µg	1	10839
P2191	pSP72 Vector	20	µg	1	10721
P2221	pSP73 Vector	20	µg	1	10721
P2241	pGEM®-5Zf(+) Vector	20	µg	1	13784
P2251	pGEM®-7Zf(+) Vector	20	µg	1	13784
P2261	pGEM®-3Zf(-) Vector	20	µg	1	10839
P2271	pGEM®-3Zf(+) Vector	20	µg	1	10839
P2301	Bacterial Strain NM522	500	µl	1	4948
P2371	pGEM®-7Zf(-) Vector	20	µg	1	13784
P2391	pGEM®-9Zf(-) Vector	20	µg	1	13784
P2411	pGEM®-11Zf(+) Vector	20	µg	1	13784
P2421	pGEM®-11Zf(-) Vector	20	µg	1	13784
P2561	pGEM® Express Positive Control Template	10	µg	1	6715
P4024	T3 RNA Polymerase (HC)	2,500	u	1	10603
P4074	T7 RNA Polymerase (HC)	10,000	u	1	45946

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
P4084	SP6 RNA Polymerase (HC)	2,500	u	1	46299
P6711	HaloTag® Amine (O2) Ligand	5	mg	1	64493
P6741	HaloTag® Amine (O4) Ligand	5	mg	1	64493
P6751	HaloTag® Succinimidyl Ester(O4) Ligand	5	mg	1	64493
P6761	HaloTag® Thiol (O4) Ligand	5	mg	1	64493
P6771	HaloTag® Iodoacetamide (O4)Ligand	5	mg	1	64493
P9751	Bacterial Strain JM109	500	µl	1	4948
P9801	Bacterial Strain JM109(DE3)	500	µl	1	4948
Q4132	SILVER SEQUENCE(TM) Staining Reagents	10	gels	1	50804
Q4411	Automatic Processor Compatible (APC) Film	25	sheets	1	40291
Q4412	Automatic Processor Compatible Film, Trial Size	6	sheets	1	11781
Q4461	pTARGET™ Sequencing Primer(24mer) 1.26pmole/ul	2	µg	1	10502
Q5011	SP6 Promoter Primer	2	µg	1	10771
Q5021	T7 Promoter Primer (20mer)	2	µg	1	10771
Q5391	pUC/M13 Primer, Forward (17mer)	2	µg	1	10771
Q5401	pUC/M13 Primer, Reverse (17mer)	2	µg	1	10771
Q5421	pUC/M13 Primer, Reverse (22mer)	2	µg	1	10771
Q5601	pUC/M13 Primer, Forward (24mer)	2	µg	1	10771
Q5761	pALTER®-MAX Vector	20	µg	1	34283
Q6131	ES1301 mutS Bacterial StrainGlycerol Stock	200	µl	1	4948
Q6311	Ampicillin Repair Oligo	30	µl	1	7186
Q6321	Bacterial Strain BMH 71-18 mut S	500	µl	1	6362
Q6700	T7 EEV Promoter Primer	2	µg	1	8247
R1851	10X Flexi® Enzyme Blend (Sgf I and Pme I)	25	µl	1	12595
R1852	10X Flexi® Enzyme Blend (Sgf I and Pme I)	100	µl	1	45625
R1901	Carboxy Flexi® Enzyme Blend(SgfI & EcoICRI)	50	µl	1	12466
R3961	Bovine Serum Albumin, Acetylated	1	ml	1	3534
R4014	EcoRI (HC)	25,000	u	1	11428
R4017	EcoRI (HC)	50,000	u	1	18850
R4024	BamHI (HC)	12,500	u	1	16140
R4027	BamHI (HC)	50,000	u	1	28157
R4044	HindIII (HC)	25,000	u	1	12134
R4047	HindIII (HC)	50,000	u	1	22030
R4054	SalI (HC)	10,000	u	1	30748
R4064	SacI (HC)	5,000	u	1	25329
R4074	BglI (HC)	5,000	u	1	21441
R4124	SmaI (HC) GQ	5,000	u	1	26036
R4154	TaqI (HC)	5,000	u	1	22973
R4164	XhoI (HC)	15,000	u	1	46417
R4174	HaeIII (HC)	12,500	u	1	28039
R4184	XbaI (HC) GQ	10,000	u	1	27568
R4204	HinfI (HC)	5,000	u	1	24976
R4214	ScaI (HC)	5,000	u	1	30277
R4344	KpnI (HC)	12,500	u	1	28274
R4354	EcoRV (HC)	10,000	u	1	24976

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
R4364	ApaI (HC)	25,000	u	1	30866
R4374	RsaI (HC)	5,000	u	1	25565
R4394	SfiI (HC) GQ	1,250	u	1	28157
R4404	MspI (HC)	10,000	u	1	29335
R4434	NotI (HC) GQ	1,000	u	1	34518
R4604	SspI (HC) GQ	2,500	u	1	40291
R5104	SgfI, (HC) GQ	1,250	u	1	36639
R6011	EcoRI	5,000	u	1	4123
R6017	EcoRI	15,000	u	1	9660
R6021	BamHI	2,500	u	1	5655
R6025	BamHI	12,500	u	1	18850
R6031	HincII	200	u	1	7069
R6035	HincII	1,000	u	1	25565
R6037	HincII	5,000	u	1	109799
R6041	HindIII	5,000	u	1	3416
R6045	HindIII	15,000	u	1	9071
R6051	SalI	2,000	u	1	8600
R6055	SalI	10,000	u	1	30866
R6061	SacI	1,000	u	1	7304
R6065	SacI	5,000	u	1	25211
R6071	BglI	1,000	u	1	6951
R6077	BglI	5,000	u	1	27803
R6081	BglII	500	u	1	4948
R6085	BglII	2,500	u	1	18496
R6087	BglII	10,000	u	1	61497
R6091	AvaI	200	u	1	5891
R6095	AvaI	1,000	u	1	22384
R6111	PstI	3,000	u	1	4241
R6115	PstI	15,000	u	1	15787
R6121	SmaI, GQ	1,000	u	1	9425
R6125	SmaI, GQ	5,000	u	1	28746
R6131	AvaII	100	u	1	4712
R6135	AvaII	1,000	u	1	30866
R6151	TaqI	1,000	u	1	7186
R6155	TaqI	10,000	u	1	38877
R6161	XhoI	3,000	u	1	5419
R6165	XhoI	10,000	u	1	17436
R6171	HaeIII	2,500	u	1	8954
R6175	HaeIII	10,000	u	1	25683
R6181	XbaI, GQ	2,000	u	1	8718
R6185	XbaI, GQ	10,000	u	1	28039
R6191	Sau3AI	100	u	1	5537
R6195	Sau3AI	500	u	1	21441
R6201	HinfI	1,000	u	1	6008
R6205	HinfI	5,000	u	1	24151

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
R6211	ScaI	1,000	u	1	8482
R6221	SacII	500	u	1	8247
R6231	DpnI	200	u	1	8482
R6241	CfoI	3,000	u	1	11899
R6261	SphI	200	u	1	10721
R6265	SphI	1,000	u	1	39938
R6271	DraI	2,000	u	1	7069
R6281	AluI	500	u	1	10014
R6291	DdeI	200	u	1	4123
R6295	DdeI	1,000	u	1	13666
R6301	HpaI	100	u	1	6951
R6305	HpaI	500	u	1	25329
R6311	HpaII	1,000	u	1	13902
R6315	HpaII	5,000	u	1	51012
R6321	PvuI	100	u	1	7893
R6325	PvuI	500	u	1	31809
R6331	PvuII	1,000	u	1	5419
R6335	PvuII	5,000	u	1	20381
R6341	KpnI	2,500	u	1	8718
R6345	KpnI	10,000	u	1	17789
R6351	EcoRV	2,000	u	1	7069
R6355	EcoRV	10,000	u	1	25918
R6361	ApaI	5,000	u	1	11663
R6371	RsaI	1,000	u	1	7186
R6381	MluI, GQ	1,000	u	1	8482
R6391	SfiI, GQ	250	u	1	7422
R6401	MspI	2,000	u	1	8836
R6405	MspI	10,000	u	1	30395
R6411	AccI	100	u	1	12723
R6415	AccI	500	u	1	32398
R6421	StuI	400	u	1	6951
R6431	NotI GQ	200	u	1	8365
R6435	NotI, GQ	1,000	u	1	31573
R6441	HhaI	1,000	u	1	6008
R6471	BstXI	250	u	1	4948
R6475	BstXI	1,000	u	1	18496
R6491	XmaI, 50u	50	u	1	8836
R6495	XmaI	250	u	1	30513
R6501	NheI, GQ	250	u	1	8954
R6505	NheI, GQ	1,250	u	1	26743
R6513	NcoI	200	u	1	10367
R6515	NcoI	1,000	u	1	42647
R6531	NsiI	250	u	1	8247
R6541	AatII, 50u	50	u	1	7658
R6545	AatII	250	u	1	28157

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
R6551	ClaI GQ	500	u	1	8836
R6555	ClaI	2,500	u	1	29570
R6581	AccIII	200	u	1	13784
R6591	SpeI GQ	200	u	1	9778
R6595	SpeI, GQ	1,000	u	1	36992
R6601	SspI GQ	500	u	1	11899
R6641	BstEII	2,000	u	1	8954
R6651	BclI	1,000	u	1	11781
R6661	HaeII	1,000	u	1	11781
R6675	CspI	500	u	1	53957
R6691	BalI	50	u	1	14844
R6695	BalI	250	u	1	53957
R6711	MboI	200	u	1	10367
R6723	MboII	100	u	1	27096
R6731	Eco47III, GQ	50	u	1	10132
R6791	SnaBI	100	u	1	12959
R6795	SnaBI	500	u	1	50069
R6801	NdeI	500	u	1	15787
R6811	XhoII	100	u	1	15197
R6815	XhoII	500	u	1	57491
R6821	Bsu36I	500	u	1	7775
R6831	BssHII GQ	100	u	1	8247
R6835	BssHII GQ	500	u	1	27921
R6851	VspI	500	u	1	6008
R6861	NarI	200	u	1	6951
R6881	BstZI	500	u	1	7422
R6891	BanI	200	u	1	8365
R6921	Acc65I	1,500	u	1	9543
R6931	BstOI	2,000	u	1	8482
R6951	EcoICRI	1,000	u	1	10014
R7011	Tru9I	200	u	1	8718
R7021	MspA1I	1,000	u	1	10132
R7031	I-PpoI	10,000	u	1	15315
R7061	NciI	1,000	u	1	8247
R7091	NruI	200	u	1	6597
R7103	SgfI, GQ	250	u	1	9425
R7151	Hsp92I	500	u	1	7540
R7161	Hsp92II	1,000	u	1	30513
R7241	BsrSI	500	u	1	10839
R7251	AgeI	100	u	1	10603
R7271	XmnI	500	u	1	8718
R7273	XmnI	2,500	u	1	27332
R9461	Bovine Serum Albumin Acetylated	400	µl	1	1414
R9921	4-CORE® Buffer System	4	ml	1	1532
R9991	MULTI-CORE(TM) Buffer	3 × 1	ml	1	1532

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00645	Cct5 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00646	Bop1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00647	Dhx34 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00648	Espl1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00649	Nup188 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00650	Kctd5 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00651	Lhfpl2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00652	1700021K19Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00653	Avl9 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00654	Per2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00655	Arhgef12 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00656	Mtss1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00657	D3Bwg0562e - Native mouse ORFin pF1K	100	ng	1	48195
RXC00658	Sdc3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00659	Klhl21 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00660	D15Ertd621e - Native mouse ORF in pF1K	100	ng	1	48195
RXC00661	Bicd2, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00662	Clstn3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00663	Sel1l3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00664	Nfasc - Native mouse ORF in pF1K	100	ng	1	48195
RXC00665	Vps8 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00666	Megf9 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00667	Atp11b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00668	Asxl1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00669	R3hdm2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00670	Dnmbp - Native mouse ORF in pF1K	100	ng	1	48195
RXC00671	Frmd4b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00672	Mon2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00673	Tbc1d2b - Native mouse ORF inpF1K	100	ng	1	48195
RXC00674	Gga2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00675	Tbc1d1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00676	Caskin2 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00677	Nav1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00678	Tmx4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00679	Zc4h2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00680	Slc12a5 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00681	Dlg3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00682	Cpsf2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00683	Pdcd6ip - Native mouse ORF inpF1K	100	ng	1	48195
RXC00684	Rpap1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00685	Smpd4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00686	Dmap1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00687	Racgap1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00688	Kbtbd2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00689	C77080 - Native mouse ORF in pF1K	100	ng	1	48195

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00690	Ppp2r2a - Native mouse ORF inpF1K	100	ng	1	48195
RXC00691	Nin, variant 2 - Native mouseORF in pF1K	100	ng	1	48195
RXC00692	Mier1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00693	Zfyve28 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00694	Hps4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00695	Zfp451 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00696	Senp7 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00697	Heatr7a - Native mouse ORF inpF1K	100	ng	1	48195
RXC00698	Ccdc132, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00699	Fam65a - Native mouse ORF in pF1K	100	ng	1	48195
RXC00700	Zfp90 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00701	Fnip1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00702	Pcdhga2 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00703	Pprc1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00704	Chst15 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00705	Spg20 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00706	Atp9a - Native mouse ORF in pF1K	100	ng	1	48195
RXC00707	Hip1r - Native mouse ORF in pF1K	100	ng	1	48195
RXC00708	Rnf40 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00709	Cstf2t - Native mouse ORF in pF1K	100	ng	1	48195
RXC00710	Fbxw11 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00711	Kif1c - Native mouse ORF in pF1K	100	ng	1	48195
RXC00712	Kbtbd11 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00713	Tomm70a - Native mouse ORF inpF1K	100	ng	1	48195
RXC00714	Matr3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00715	Slc4a8 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00716	Zfp423 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00717	Fchsd2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00718	Ppp1r13b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00719	Klhl18 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00720	Plekhm2 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00721	Cyld - Native mouse ORF in pF1K	100	ng	1	48195
RXC00722	Sacm1l - Native mouse ORF in pF1K	100	ng	1	48195
RXC00723	Shoc2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00724	Adnp2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00725	Rufy3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00726	Fbxo21 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00727	Rhobtb3 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00728	Csde1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00729	Cnksr2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00730	Clstn1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00731	Bahd1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00732	Tbrg4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00733	Btbd3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00734	Camk2a - Native mouse ORF in pF1K	100	ng	1	48195

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00735	Plekha6 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00736	Nisch - Native mouse ORF in pF1K	100	ng	1	48195
RXC00737	Wdr37 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00738	Chsy1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00739	Zkscan5 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00740	Hbs1l, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00741	Kcnd2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00742	Samd4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00743	Mapk8ip3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00744	Nlgn1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00745	Smg5 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00746	Smarcad1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00747	Cd2bp2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00748	Sec14l2 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00749	Gnptab - Native mouse ORF in pF1K	100	ng	1	48195
RXC00750	Erbb2ip - Native mouse ORF inpF1K	100	ng	1	48195
RXC00751	Ppfibp1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00752	Lrfn2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00753	1700081L11Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00754	2510003E04Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00755	Fdps - Native mouse ORF in pF1K	100	ng	1	48195
RXC00756	4632411B12Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00757	Zmym6 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00758	Igsf9 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00759	Tecpr1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00760	Nlgn2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00761	March4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00762	Polr3e - Native mouse ORF in pF1K	100	ng	1	48195
RXC00763	Islr2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00764	Nlgn3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00765	Sh3rf1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00766	Nploc4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00767	Urgcp - Native mouse ORF in pF1K	100	ng	1	48195
RXC00768	Abcb9 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00769	Rufy2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00770	Tle3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00771	2810474O19Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00772	Als2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00773	Slmap - Native mouse ORF in pF1K	100	ng	1	48195
RXC00774	Pcdhb17 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00775	Mov10 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00776	Micall1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00777	Cpeb4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00778	2310044G17Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00779	Zcchc2 - Native mouse ORF in pF1K	100	ng	1	48195

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00780	Lcor - Native mouse ORF in pF1K	100	ng	1	48195
RXC00781	Zfp512 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00782	Lzts2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00783	Dcaf5 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00784	Gpr123 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00785	Wac - Native mouse ORF in pF1K	100	ng	1	48195
RXC00786	Acss1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00787	6430527G18Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00788	Slc25a25 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00789	Scin - Native mouse ORF in pF1K	100	ng	1	48195
RXC00790	Wdr59 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00791	Sec16b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00792	Sgsm1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00793	Dis3l, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00794	Bmper - Native mouse ORF in pF1K	100	ng	1	48195
RXC00795	Ttc14 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00796	Ppp1r37 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00797	C230081A13Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00798	Gprin3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00799	Rsbn1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00800	Fgd1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00801	Cyth3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00802	Sox9 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00803	Exosc8 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00804	Lrrc1, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00805	Thrap3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00806	Vwa5a - Native mouse ORF in pF1K	100	ng	1	48195
RXC00807	Lpin3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00808	Stk10 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00809	Lhfpl4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00810	Spock3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00811	Rapgef4 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00812	Fam168b - Native mouse ORF inpF1K	100	ng	1	48195
RXC00813	Il16 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00814	Pcdhga8 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00815	Epb4.1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00816	Dhx8 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00817	Nckap1l - Native mouse ORF inpF1K	100	ng	1	48195
RXC00818	Cul2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00819	Igfals - Native mouse ORF in pF1K	100	ng	1	48195
RXC00820	Picalm - Native mouse ORF in pF1K	100	ng	1	48195
RXC00821	G3bp1 - Native mouse ORF in pF1K	100	ng	1	48195
ngRXC00822	Ss18 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00823	Cul1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00824	Golga2 - Native mouse ORF in pF1K	100	ng	1	48195

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00825	Wdr5b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00826	Trim39 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00827	Ptk2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00828	Ikzf1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00829	Mxd4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00830	Myo1g - Native mouse ORF in pF1K	100	ng	1	48195
RXC00831	Rxra - Native mouse ORF in pF1K	100	ng	1	48195
RXC00832	Pigo - Native mouse ORF in pF1K	100	ng	1	48195
RXC00833	Bin3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00834	Gpd1l - Native mouse ORF in pF1K	100	ng	1	48195
RXC00835	Trim14 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00836	Pdxdc1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00837	Gas7 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00838	Lcmt2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00839	Fam189a1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00840	Ppp1r26 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00841	Myt1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00842	Usp20 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00843	AI464131 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00844	Srsf15 - Native human ORF in pF1K	100	ng	1	48195
RXC00845	Ergic1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00846	Lnp - Native mouse ORF in pF1K	100	ng	1	48195
RXC00847	Tmem200a - Native mouse ORF in pF1K	100	ng	1	48195
ngRXC00848	Sgsm3 - Native mouse ORF in pF1K	100	ng	1	48195
ngRXC00849	Gpat2 - Native mouse ORF in pF1K	100	ng	1	48195
RXngC00850	Morf4l2 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00851	2810417H13Rik - Native mouse ORF in pF1K	100	ng	1	48195
ngRXC00852	Keap1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00853	Fam53b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00854	Tecpr2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00855	Ralgps1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00856	Dclk1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00857	Specc1l - Native mouse ORF inpF1K	100	ng	1	48195
RXC00858	Fam65b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00859	Rnmt - Native mouse ORF in pF1K	100	ng	1	48195
RXC00860	Nupl1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00861	Pja2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00862	Hs2st1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00863	Rap1gap - Native mouse ORF inpF1K	100	ng	1	48195
RXC00864	Fbxo28 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00865	Sh3glb1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00866	Prpf4b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00867	Ift122 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00868	Slc12a7 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00869	Stk40 - Native mouse ORF in pF1K	100	ng	1	48195

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00870	Klhl36 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00871	Tmem43 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00872	Trpc4ap - Native mouse ORF inpF1K	100	ng	1	48195
RXC00873	Zzz3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00874	Atp6ap1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00875	Prrc1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00876	Sec24c - Native mouse ORF in pF1K	100	ng	1	48195
RXC00877	Melk - Native mouse ORF in pF1K	100	ng	1	48195
RXC00878	Usp10 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00879	Slk - Native mouse ORF in pF1K	100	ng	1	48195
RXC00880	Ttc9 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00881	Rnf10 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00882	Fam78a - Native mouse ORF in pF1K	100	ng	1	48195
RXC00883	Suds3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00884	Card11 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00885	L3mbtl2 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00886	Galnt10 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00887	Cnst - Native mouse ORF in pF1K	100	ng	1	48195
RXC00888	Fyco1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00889	Fam115c - Native mouse ORF inpF1K	100	ng	1	48195
RXC00890	Arhgef1 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00891	Pink1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00892	Traf1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00893	Fiz1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00894	Tomm20 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00895	Nolc1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00896	Ablim1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00897	Snx17 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00898	Kars, variant 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00899	Eif4a3 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00900	Fam120a - Native mouse ORF inpF1K	100	ng	1	48195
RXC00901	Scrn1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00902	Maml1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00903	Lrrc8b - Native mouse ORF in pF1K	100	ng	1	48195
RXC00904	Ncstn - Native mouse ORF in pF1K	100	ng	1	48195
RXC00905	Tm9sf4 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00906	Ip6k1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00907	Klhdc10 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00908	Bap1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00909	Epb4.1l1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00910	Zbtb5 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00911	Sall2, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00912	Ctnnd1, isoform 2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00913	Ezh1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00914	Asap2 - Native mouse ORF in pF1K	100	ng	1	48195

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
RXC00915	Atg2a - Native mouse ORF in pF1K	100	ng	1	48195
RXC00916	Zscan12 - Native mouse ORF inpF1K	100	ng	1	48195
RXC00917	Dnajc6 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00918	5730419I09Rik - Native mouse ORF in pF1K	100	ng	1	48195
RXC00919	Usp15 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00920	Kif5c - Native mouse ORF in pF1K	100	ng	1	48195
RXC00921	St18 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00922	Nuak2 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00923	Nrxn1, isoform 1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00924	Fhdc1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00925	Mical1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00926	Tut1 - Native mouse ORF in pF1K	100	ng	1	48195
RXC00927	Scrib - Native mouse ORF in pF1K	100	ng	1	48195
S1000	AttoPhos® AP Fluorescent Substrate System	3 × 36	mg	1	47006
S1001	AttoPhos® AP Fluorescent Substrate System Trial Size	1 × 36	mg	1	16356
S1011	AttoPhos® Substrate	36	mg	1	14491
S1012	AttoPhos® Substrate	100	mg	1	25270
S1013	AttoPhos® Substrate	1	g	1	131123
S1021	AttoPhos® Buffer	60	ml	1	7245
S1022	AttoPhos® Buffer	240	ml	1	15904
S2001	Coelenterazine	250	µg	1	15132
S2011	Coelenterazine-h	250	µg	1	16606
S3721	Anti-Mouse IgG AP Conjugate	100	µl	1	11310
S3731	Anti-Rabbit IgG AP Conjugate	100	µl	1	11310
S3771	BCIP/NBT Color Development Substrate	1.25/2.5	ml	1	8247
S3821	Anti-Human IgG AP Conjugate	100	µl	1	11310
S3831	Anti-Rat IgG AP Conjugate	100	µl	1	11310
S3841	Western Blue® Stabilized Substrate for Alk Phos	100	ml	1	5773
SP1070	Maxwell® 16 High Strength LEV Mag Rod/Plunger Bar Adapt	1	each	1	105360
U1100	Prime-a-Gene® System	30	reactions	1	22601
U1151	Labeling 5X Buffer	300	µl	1	4300
U1191	dUTP, 100mM	40	µmol	1	10694
U1201	dATP, 100mM	40	µmol	1	10694
U1202	dATP 100mM	200	µmol	1	43108
U1205	dATP, 100mM	25	µmol	1	6836
U1211	dGTP, 100mM	40	µmol	1	10694
U1212	dGTP 100mM	200	µmol	1	43108
U1215	dGTP, 100mM	25	µmol	1	6836
U1221	dCTP, 100mM	40	µmol	1	10694
U1222	dCTP 100mM	200	µmol	1	43108
U1225	dCTP, 100mM	25	µmol	1	6836
U1231	dTTP, 100mM	40	µmol	1	10694
U1232	dTTP 100mM	200	µmol	1	43108
U1235	dTTP, 100mM	25	µmol	1	6836
U1240	Set of dATP, dCTP, dGTP, dTTP,100mM	40µmol	each	1	35532

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
U1245	Set of dUTP, dCTP, dGTP, dATP, 100mM	40µmol	each	1	35532
U1300	DNA Polymerase I Large (Klenow) Fragment Mini Kit	150	u	1	27563
U1330	Set of dATP, dCTP, dGTP, dTTP, 100mM	10µmol	each	1	10536
U1335	Set of dUTP, dCTP, dGTP, dATP, 100mM	10µmol	each	1	10536
U1410	Set of dATP, dCTP, dGTP, dTTP ,100mM	200	µmol	1	134841
U1420	Set of dATP, dCTP, dGTP, dTTP ,100mM	25	µmol each	1	23763
U1511	dNTP Mix, 10mM	200	µl	1	3026
U1515	dNTP Mix, 10mM	1,000	µl	1	7062
U2010	DNA 5'-End Labeling Sys.	10	reactions	1	11687
V1061	Chymotrypsin, Sequencing Grade	25	µg	1	10025
V1062	Chymotrypsin, Sequencing Grade	100	µg	1	29795
V1071	Endoproteinase Lys-C, Sequencing Grade	5	µg	1	22834
V1111	Anti-ACTIVE® CaM KII pAb, Rabbit, (pT286)	40	µl	1	54552
V1121	MEK Inhibitor U0126	5	mg	1	30339
V1141	Anti-ERK 1/2 pAb, Rabbit	40	µl	1	35882
V1151	Donkey Anti-Goat IgG, AP	60	µl	1	16628
V1161	SB 203580	1	mg	1	17503
V1171	PMA	5	mg	1	19108
V1181	4 alpha PMA	1	mg	1	12836
V1191	PD 98059	5	mg	1	13857
V1201	LY 294002	5	mg	1	19108
V1211	Anti-ACTIVE® p38 pAb Rabbit (pTGpY)	100	µl	1	54552
V1221	DNA IQ™ Spin Baskets	1,000	/bag	1	26625
V1231	Microtube, 1.5ml	1,000	/bag	1	7422
V1240	ProFluor® PKA Assay	4	plate	1	114354
V1241	ProFluor® PKA Assay	8	plate	1	190785
V1260	ProFluor® Ser/Thr PPase Assay	4	plate	1	114354
V1261	ProFluor® Ser/Thr PPase Assay	8	plate	1	190785
V1270	ProFluor® Src-Family Kinase Assay	4	plate	1	114354
V1271	ProFluor® Src-Family Kinase Assay	8	plate	1	190785
V1280	ProFluor® Tyrosine Phosphatase Assay	4	plate	1	114354
V1281	ProFluor® Tyrosine Phosphatase Assay	8	plate	1	190785
V1320	HisLink™ Spin Protein Purification System	25	reactions	1	24269
V1361	PDE-Glo™ Phosphodiesterase Assay	1,000	assays	1	84453
V1362	PDE-Glo™ Phosphodiesterase Assay	10,000	assays	1	657245
V1391	Slicprep™ 96 Device	10	pack	1	61497
V1401	MAO-Glo™ Assay	200	assays	1	16426
V1402	MAO-Glo™ Assay	1,000	assays	1	61127
V1452	MAO-A	500	µl	1	33985
V1501	cAMP-Glo™ Assay	300	assays	1	46675
V1502	cAMP-Glo™ Assay	3,000	assays	1	260798
V1503	cAMP-Glo™ Assay	30,000	assays	1	1966922
V1560	MAO-Glo™ Assay with MAO-A	1,000	assays	1	95830
V1591	Manual Differex™ Magnet	1	each	1	9660
V1601	Four-Position Tube Holder	1	each	1	25759

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V1621	Asp-N, Sequencing Grade	2	µg	1	22973
V1651	Glu-C, Sequencing Grade	5 X 10 ug		1	20606
V1671	rLys-C, Mass Spec Grade	15	µg	1	15165
V1681	cAMP-Glo™ Max Assay	2	plates	1	46675
V1682	cAMP-Glo™ Max Assay	20	plates	1	260798
V1683	cAMP-Glo™ Max Assay	10 × 20	plates	1	1966922
V1690	PI3K-Glo™ Class I Profiling Kit	1	each	1	159133
V1701	PIP2:3PS Lipid Kinase Substrate	0.25	mg	1	37924
V1711	PI:3PS Lipid Kinase Substrate	0.5	mg	1	37924
V1721	PI3K (p110a/p85a)	20	µg	1	53093
V1731	PI3K (p110a [E545K]/p85a)	20	µg	1	53093
V1741	PI3K (p110a [H1047R]/p85a)	20	µg	1	53093
V1751	PI3K (p110ß/p85a)	20	µg	1	53093
V1761	PI3K (p120y)	20	µg	1	53093
V1771	PI3K (p110d/p85a)	20	µg	1	53093
V1781	ADP-Glo™ Kinase Assay with PI:3PS	1,000	assays	1	109978
V1782	ADP-Glo™ Kinase Assay with PI:3PS	10,000	assays	1	819150
V1791	ADP-Glo™ Kinase Assay with PIP2:3PS	1,000	assays	1	109978
V1792	ADP-Glo™ Kinase Assay with PIP2:3PS	10,000	assays	1	819150
V1881	Arg-C Sequencing Grade	10	µg	1	28681
V1891	Elastase	5	mg	1	9328
V1901	ABL1 Kinase Enzyme System	10	µg	1	57761
V1911	AKT1 Kinase Enzyme System	10	µg	1	57761
V1921	AMPK A1/B1/G1 Kinase Enzyme System	10	µg	1	107353
V1931	Aurora A Kinase Enzyme System	10	µg	1	57761
V1941	CHK1 Kinase Enzyme System	10	µg	1	57761
V1951	ERK1 Kinase Enzyme System	10	µg	1	57761
V1959	Pepsin	250	mg	1	2924
V1961	ERK2 Kinase Enzyme System	10	µg	1	57761
V1971	FAK Kinase Enzyme System	10	µg	1	57761
V1981	FES Kinase Enzyme System	10	µg	1	57761
V1991	GSK3 Beta Kinase Enzyme System	10	µg	1	57761
V2011	SoftLink™ Soft Release Avidin Resin	1	ml	1	15080
V2012	SoftLink™ Soft Release Avidin Resin	5	ml	1	59023
V2020	PinPoint™ Xa Protein Purification System	1	system	1	73278
V2031	PinPoint™ Xa-1 Vector	10	µg	1	24976
V2071	ProteaseMAX™ Surfactant Trypsin Enhancer	1	mg	1	7197
V2072	ProteaseMAX™ Surfactant Trypsin Enhancer	5 × 1	mg	1	29046
V2081	UGT-Glo™ Assay	200	assays	1	41570
V2082	UGT-Glo™ Assay	1,000	assays	1	149652
V2111	Agarose, LMP, Analytical Grade	25	g	1	20380
V2120	UGT-Glo™ UGT1A1 Screening System	200	assays	1	74826
V2121	UGT-Glo™ UGT1A1 Screening System	1,000	assays	1	299305
V2130	UGT-Glo™ UGT2B7 Screening System	200	assays	1	74826
V2131	UGT-Glo™ UGT2B7 Screening System	1,000	assays	1	299305

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V2211	cdc2 Protein Kinase Peptide Substrate	1	mg	1	33548
V2372	Olomoucine cdc2 Protein Kinase Inhibitor	0.5	mg	1	9335
V2373	Olomoucine cdc2 Protein Kinase Inhibitor	10	mg	1	41716
V2460	Ser/Thr Phosphatase Assay System	96	reactions	1	60532
V2471	Tyrosine Phosphatase Assay System	96	reactions	1	60532
V2621	IRAK4 Kinase Enzyme System	10	µg	1	57761
V2681	KDR Kinase Enzyme System	10	µg	1	57761
V2691	LCK Kinase Enzyme System	10	µg	1	57761
V2701	p38 Alpha Kinase Enzyme System	10	µg	1	57761
V2741	p70S6K Kinase Enzyme System	10	µg	1	57761
V2761	PDK1 Kinase Enzyme System	10	µg	1	57761
V2781	PKC Zeta Kinase Enzyme System	10	µg	1	57761
V2791	Guanidine Thiocyanate (Guanidium Thiocyanate)	100	g	1	6642
V2831	Agarose, LMP, Preparative Grade for Lg. Fragmentsm	25	g	1	25815
V2841	PLK1 Kinase Enzyme System	10	µg	1	57761
V2861	SAM2® Biotin Capture Membrane	96	samples	1	41862
V2911	SGK1 Kinase Enzyme System	10	µg	1	57761
V2921	SRC Kinase Enzyme System	10	µg	1	57761
V2931	TRKA Kinase Enzyme System	10	µg	1	57761
V2941	BTK Kinase Enzyme System	10	µg	1	57761
V2951	CAMK4 Kinase Enzyme System	10	µg	1	57761
V2961	CDK1/CyclinA2 Kinase Enzyme System	10	µg	1	57761
V2971	CDK2/CyclinA2 Kinase Enzyme System	10	µg	1	57761
V2981	CSK Kinase Enzyme System	10	µg	1	57761
V2991	FGFR1 Kinase Enzyme System	10	µg	1	57761
V3001	FLT1 Kinase Enzyme System	10	µg	1	57761
V3011	PEG 8000 Powder (PolyethyleneGlycol)	500	g	1	10266
V3021	Proteinase K	100	mg	1	15401
V3031	Deep Well MagnaBot® 96	1	each	1	148770
V3051	GSK3 Alpha Kinase Enzyme System	10	µg	1	57761
V3101	HER4 Kinase Enzyme System	10	µg	1	57761
V3111	Acrylamide Molecular Grade	100	g	1	6793
V3115	Acrylamide Molecular Grade	500	g	1	21135
V3121	Agarose LE Analytical Grade	100	g	1	22192
V3125	Agarose LE Analytical Grade	500	g	1	75033
V3131	Ammonium Persulfate (Ammonium Persulphate)	25	g	1	3019
V3141	Bisacrylamide (N,N'-Methylenebisacrylamide)	25	g	1	4529
V3143	Bisacrylamide,(N,N'-Methylenebisacrylamide)	125	g	1	13587
V3151	DTT (Dithiothreitol)	5	g	1	11775
V3155	DTT (Dithiothreitol)	25	g	1	43629
V3171	Urea	1	kg	1	9058
V3175	Urea	5	kg	1	29287
V3181	Sephacryl S-400	10	ml	1	10282
V3191	ITK Kinase Enzyme System	10	µg	1	57761
V3201	PAK4 Kinase Enzyme System	10	µg	1	57761

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V3231	CDK5/p25 Kinase Enzyme System	10	µg	1	57761
V3271	CDK5/p35 Kinase Enzyme System	10	µg	1	57761
V3361	MET Kinase Enzyme System	10	µg	1	57761
V3371	p38 Gamma Kinase Enzyme System	10	µg	1	57761
V3381	PKC Alpha Kinase Enzyme System	10	µg	1	57761
V3391	PKC Gamma Kinase Enzyme System	10	µg	1	57761
V3401	PKC Delta Kinase Enzyme System	10	µg	1	57761
V3411	ROCK1 Kinase Enzyme System	10	µg	1	57761
V3501	RSK2 Kinase Enzyme System	10	µg	1	57761
V3521	ULK1 Kinase Enzyme System	10	µg	1	57761
V3531	CAMK2 Gamma Kinase Enzyme System	10	µg	1	57761
V3541	c-MER Kinase Enzyme System	10	µg	1	57761
V3561	EPHA1 Kinase Enzyme System	10	µg	1	57761
V3571	FYN A Kinase Enzyme System	10	µg	1	57761
V3581	IGF1R Kinase Enzyme System	10	µg	1	57761
V3591	Pgp-Glo™ Assay System	10	ml	1	34737
V3601	Pgp-Glo™ Assay System withP-glycoprotein	10	ml	1	69474
V3680	HisLink™ 96 Protein Purification System	1 × 96		1	35343
V3681	HisLink™ 96 Protein Purification System	5 × 96		1	148676
V3691	Shaker Integration Plate	1	each	1	46339
V3701	JAK3 Kinase Enzyme System	10	µg	1	57761
V3711	LYN B Kinase Enzyme System	10	µg	1	57761
V3721	PDGFR Alpha Kinase Enzyme System	10	µg	1	57761
V3731	PDGFR Beta Kinase Enzyme System	10	µg	1	57761
V3741	PKC Beta II Kinase Enzyme System	10	µg	1	57761
V3751	PKC IOTA Kinase Enzyme System	10	µg	1	57761
V3761	RET Kinase Enzyme System	10	µg	1	57761
V3771	Kinase-Glo® Plus Luminescent Kinase Assay	10	ml	1	14732
V3772	Kinase-Glo® Plus Luminescent Kinase Assay	10 × 10	ml	1	69284
V3773	Kinase-Glo® Plus Luminescent Kinase Assay	100	ml	1	59073
V3774	Kinase-Glo® Plus Luminescent Kinase Assay	10 × 100	ml	1	450562
V3801	SYK Kinase Enzyme System	10	µg	1	57761
V3811	ZAP70 Kinase Enzyme System	10	µg	1	57761
V3821	JNK3 Kinase Enzyme System	10	µg	1	57761
V3831	EGFR Kinase Enzyme System	10	µg	1	57761
V3841	Agarose, LMP, Preparative Grade for Sm. Fragmentsm	25	g	1	19173
V3861	AKT2 Kinase Enzyme System	10	µg	1	57761
V3871	NEK2 Kinase Enzyme System	10	µg	1	57761
V3881	ASK1 Kinase Enzyme System	10	µg	1	57761
V3891	HER2 Kinase Enzyme System	10	µg	1	57761
V3901	InsR Kinase Enzyme System	10	µg	1	57761
V3911	MINK1 Kinase Enzyme System	10	µg	1	57761
V3921	RON Kinase Enzyme System	10	µg	1	57761
V3931	TGF Beta R2 Kinase Enzyme System	10	µg	1	57761
V3941	X-Gal	100mg/2	ml	1	11322

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V3951	IPTG, Dioxane-Free	5	g	1	27778
V3953	IPTG, Dioxane-Free	50	g	1	161835
V3955	IPTG, Dioxane-Free	1	g	1	7246
V3961	AXL Kinase Enzyme System	10	µg	1	57761
V3971	Aurora B Kinase Enzyme System	10	µg	1	57761
V3981	GRK5 Kinase Enzyme System	10	µg	1	57761
V3991	TBK1 Kinase Enzyme System	10	µg	1	57761
V4001	Thermolysin	25	mg	1	6405
V4010	AKT3 Kinase Enzyme System	10	µg	1	57761
V4011	ADP-Glo™ Kinase Assay + AKT3 Kinase Enzyme System	1	each	1	114938
V4012	AMPK (A1/B1/G2) Kinase Enzyme System	10	µg	1	107353
V4013	ADP-Glo™ Kinase Assay + AMPK (A1/B1/G2) Kinase Enzyme System	1	each	1	164676
V4014	AMPK (A2/B1/G1) Kinase Enzyme System	10	µg	1	107353
V4015	ADP-Glo™ Kinase Assay + AMPK (A2/B1/G1) Kinase Enzyme System	1	each	1	164676
V4016	CAMK1g Kinase Enzyme System	10	µg	1	57761
V4017	ADP-Glo™ Kinase Assay + CAMK1g Kinase Enzyme System	1	each	1	114938
V4018	CAMK2a Kinase Enzyme System	10	µg	1	57761
V4019	ADP-Glo™ Kinase Assay + CAMK2a Kinase Enzyme System	1	each	1	114938
V4020	CHK2 Kinase Enzyme System	10	µg	1	57761
V4021	ADP-Glo™ Kinase Assay + CHK2 Kinase Enzyme System	1	each	1	114938
V4022	FMS Kinase Enzyme System	10	µg	1	57761
V4023	ADP-Glo™ Kinase Assay + FMS Kinase Enzyme System	1	each	1	114938
V4024	MAPKAPK2 Kinase Enzyme System	10	µg	1	57761
V4025	ADP-Glo™ Kinase Assay+ MAPKAPK2 Kinase Enzyme System	1	each	1	114938
V4026	MAPKAPK3 Kinase Enzyme System	10	µg	1	57761
V4027	ADP-Glo™ Kinase Assay+ MAPKAPK3 Kinase Enzyme System	1	each	1	114938
V4028	MARK1 Kinase Enzyme System	10	µg	1	57761
V4029	ADP-Glo™ Kinase Assay + MARK1 Kinase Enzyme System	1	each	1	114938
V4030	p70S6Kb Kinase Enzyme System	10	µg	1	57761
V4031	ADP-Glo™ Kinase Assay + p70S6Kb Kinase Enzyme System	1	each	1	114938
V4032	PIM1 Kinase Enzyme System	10	µg	1	57761
V4033	ADP-Glo™ Kinase Assay + PIM1 Kinase Enzyme System	1	each	1	114938
V4034	PIM2 Kinase Enzyme System	10	µg	1	57761
V4035	ADP-Glo™ Kinase Assay + PIM2 Kinase Enzyme System	1	each	1	114938
V4036	PKCe Kinase Enzyme System	10	µg	1	57761
V4037	ADP-Glo™ Kinase Assay + PKCe Kinase Enzyme System	1	each	1	114938
V4038	PKCm Kinase Enzyme System	10	µg	1	57761
V4039	ADP-Glo™ Kinase Assay + PKCm Kinase Enzyme System	1	each	1	114938
V4040	PKCt Kinase Enzyme System	10	µg	1	57761
V4041	ADP-Glo™ Kinase Assay + PKCt Kinase Enzyme System	1	each	1	114938
V4042	PKD2 Kinase Enzyme System	10	µg	1	57761
V4043	ADP-Glo™ Kinase Assay + PKD2 Kinase Enzyme System	1	each	1	114938
V4044	ROCK2 Kinase Enzyme System	10	µg	1	57761
V4045	ADP-Glo™ Kinase Assay + ROCK2 Kinase Enzyme System	1	each	1	114938
V4046	RSK1 Kinase Enzyme System	10	µg	1	57761

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V4047	ADP-Glo™ Kinase Assay + RSK1 Kinase Enzyme System	1	each	1	114938
V4048	TRKB Kinase Enzyme System	10	µg	1	57761
V4049	ADP-Glo™ Kinase Assay + TRKB Kinase Enzyme System	1	each	1	114938
V4050	ACK Kinase Enzyme System	10	µg	1	57761
V4051	ADP-Glo™ Kinase Assay + ACK Kinase Enzyme System	1	each	1	114938
V4052	ALK6 Kinase Enzyme System	10	µg	1	57761
V4053	ADP-Glo™ Kinase Assay + ALK6 Kinase Enzyme System	1	each	1	114938
V4054	BRK Kinase Enzyme System	10	µg	1	57761
V4055	ADP-Glo™ Kinase Assay + BRK Kinase Enzyme System	1	each	1	114938
V4056	CLK1 Kinase Enzyme System	10	µg	1	57761
V4057	ADP-Glo™ Kinase Assay + CLK1 Kinase Enzyme System	1	each	1	114938
V4058	DDR2 Kinase Enzyme System	10	µg	1	57761
V4059	ADP-Glo™ Kinase Assay + DDR2 Kinase Enzyme System	1	each	1	114938
V4060	FGFR2 Kinase Enzyme System	10	µg	1	57761
V4061	ADP-Glo™ Kinase Assay + FGFR2 Kinase Enzyme System	1	each	1	114938
V4062	FGFR4 Kinase Enzyme System	10	µg	1	57761
V4063	ADP-Glo™ Kinase Assay + FGFR4 Kinase Enzyme System	1	each	1	114938
V4064	FLT3 Kinase Enzyme System	10	µg	1	57761
V4065	ADP-Glo™ Kinase Assay + FLT3 Kinase Enzyme System	1	each	1	114938
V4066	HIPK1 Kinase Enzyme System	10	µg	1	57761
V4067	ADP-Glo™ Kinase Assay + HIPK1Kinase Enzyme System	1	each	1	114938
V4068	IKKa Kinase Enzyme System	10	µg	1	57761
V4069	ADP-Glo™ Kinase Assay + IKKa Kinase Enzyme System	1	each	1	114938
V4070	JNK1 Kinase Enzyme System	10	µg	1	57761
V4071	ADP-Glo™ Kinase Assay + JNK1 Kinase Enzyme System	1	each	1	114938
V4072	MLK1 Kinase Enzyme System	10	µg	1	57761
V4073	ADP-Glo™ Kinase Assay + MLK1 Kinase Enzyme System	1	each	1	114938
V4074	MYO3b Kinase Enzyme System	10	µg	1	57761
V4075	ADP-Glo™ Kinase Assay + MYO3β Kinase Enzyme System	1	each	1	114938
V4076	NIK Kinase Enzyme System	10	µg	1	57761
V4077	ADP-Glo™ Kinase Assay + NIK Kinase Enzyme System	1	each	1	114938
V4078	p38d Kinase Enzyme System	10	µg	1	57761
V4079	ADP-Glo™ Kinase Assay + p38d Kinase Enzyme System	1	each	1	114938
V4080	PAK3 Kinase Enzyme System	10	µg	1	57761
V4081	ADP-Glo™ Kinase Assay + PAK3 Kinase Enzyme System	1	each	1	114938
V4082	PYK2 Kinase Enzyme System	10	µg	1	57761
V4083	ADP-Glo™ Kinase Assay + PYK2 Kinase Enzyme System	1	each	1	114938
V4084	RIPK2 Kinase Enzyme System	10	µg	1	57761
V4085	ADP-Glo™ Kinase Assay + RIPK2 Kinase Enzyme System	1	each	1	114938
V4086	STK33 Kinase Enzyme System	10	µg	1	57761
V4087	ADP-Glo™ Kinase Assay + STK33 Kinase Enzyme System	1	each	1	114938
V4088	TAK1-TAB1 Kinase Enzyme System	10	µg	1	57761
V4089	ADP-Glo™ Kinase Assay + TAK1-TAB1Kinase Enzyme System	1	each	1	114938
V4090	TAOK1 Kinase Enzyme System	10	µg	1	57761
V4091	ADP-Glo™ Kinase Assay + TAOK1Kinase Enzyme System	1	each	1	114938

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V4092	TGFbR1 Kinase Enzyme System	10	µg	1	57761
V4093	ADP-Glo™ Kinase Assay + TGFbR1 Kinase Enzyme System	1	each	1	114938
V4094	TOPK Kinase Enzyme System	10	µg	1	57761
V4095	ADP-Glo™ Kinase Assay + TOPK Kinase Enzyme System	1	each	1	114938
V4096	DAPK1 Kinase Enzyme System	10	µg	1	57761
V4097	ADP-Glo™ Kinase Assay + DAPK1Kinase Enzyme System	1	each	1	114938
V4098	HPK1 Kinase Enzyme System	10	µg	1	57761
V4099	ADP-Glo™ Kinase Assay + HPK1 Kinase Enzyme System	1	each	1	114938
V4104	CDK9/CyclinK Kinase Enzyme System	10	µg	1	57761
V4105	ADP-Glo™ Kinase Assay + CDK9/CyclinK Kinase Enzyme System	1	each	1	114938
V4108	KHS1 Kinase Enzyme System	10	µg	1	57761
V4109	ADP-Glo™ Kinase Assay + KHS1 Kinase Enzyme System	1	each	1	114938
V4150	MELK Kinase Enzyme System	10	µg	1	57761
V4151	ADP-Glo™ Kinase Assay + MELK Kinase Enzyme System	1	each	1	114938
V4152	MST1 Kinase Enzyme System	10	µg	1	57761
V4153	ADP-Glo™ Kinase Assay + MST1 Kinase Enzyme System	1	each	1	114938
V4154	p38b Kinase Enzyme System	10	µg	1	57761
V4155	ADP-Glo™ Kinase Assay + p38b Kinase Enzyme System	1	each	1	114938
V4156	SIK Kinase Enzyme System	10	µg	1	57761
V4157	ADP-Glo™ Kinase Assay + SIK Kinase Enzyme System	1	each	1	114938
V4158	TNIK Kinase Enzyme System	10	µg	1	57761
V4159	ADP-Glo™ Kinase Assay + TNIK Kinase Enzyme System	1	each	1	114938
V4160	CK1e Kinase Enzyme System	10	µg	1	57761
V4161	ADP-Glo™ Kinase Assay + CK1e Kinase Enzyme System	1	each	1	114938
V4162	CLK3 Kinase Enzyme System	10	µg	1	57761
V4163	ADP-Glo™ Kinase Assay + CLK3 Kinase Enzyme System	1	each	1	114938
V4164	HIPK3 Kinase Enzyme System	10	µg	1	57761
V4165	ADP-Glo™ Kinase Assay + HIPK3Kinase Enzyme System	1	each	1	114938
V4166	MAPKAPK5 Kinase Enzyme System	10	µg	1	57761
V4167	ADP-Glo™ Kinase Assay+ MAPKAPK5 Kinase Enzyme System	1	each	1	114938
V4168	MET (M1250T) Kinase Enzyme System	10	µg	1	57761
V4169	ADP-Glo™ Kinase Assay + MET (M1250T) Kinase Enzyme System	1	each	1	114938
V4211	PinPoint™ Vector Sequencing Primer (19mer)	2	µg	1	9543
V4221	5M Sodium Chloride,	1	L	1	6039
V4231	0.5M EDTA pH 8.0	100	ml	1	2114
V4233	0.5M EDTA pH 8.0	400	ml	1	7850
V4240	PASK Kinase Enzyme System	10	µg	1	57761
V4241	ADP-Glo™ Kinase Assay + PASK Kinase Enzyme System	1	each	1	114938
V4242	SLK Kinase Enzyme System	10	µg	1	57761
V4243	ADP-Glo™ Kinase Assay + SLK Kinase Enzyme System	1	each	1	114938
V4244	ZAK Kinase Enzyme System	10	µg	1	57761
V4245	ADP-Glo™ Kinase Assay + ZAK Kinase Enzyme System	1	each	1	114938
V4251	TBE Buffer, 10X Molecular Biology Grade	1,000	ml	1	8756
V4261	SSC Buffer, 20X	1,000	ml	1	8756
V4271	TAE Buffer, 10X	1,000	ml	1	8152

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V4281	TAE, 40X (Tris-acetate-EDTA)	1,000	ml	1	12530
V4470	CAMKK1 Kinase Enzyme System	10	µg	1	57761
V4471	ADP-Glo™ Kinase Assay + CAMKK1 Kinase Enzyme System	1	each	1	114938
V4474	LRRK2 Kinase Enzyme System	10	µg	1	57761
V4475	ADP-Glo™ Kinase Assay + LRRK2 Kinase Enzyme System	1	each	1	114938
V4476	MLK2 Kinase Enzyme System	10	µg	1	57761
V4477	ADP-Glo™ Kinase Assay + MLK2 Kinase Enzyme System	1	each	1	114938
V4478	PAK1/CDC42 Kinase Enzyme System	10	µg	1	57761
V4479	ADP-Glo™ Kinase Assay + PAK1/CDC42 Kinase Enzyme System	1	each	1	114938
V4480	PDGFRa (D842V) Kinase Enzyme System	10	µg	1	57761
V4481	ADP-Glo™ Kinase Assay + PDGFRa (D842V) Kinase Enzyme System	1	each	1	114938
V4482	CK2a1 Kinase Enzyme System	10	µg	1	57761
V4483	ADP-Glo™ Kinase Assay + CK2a1Kinase Enzyme System	1	each	1	114938
V4484	CK1a1 Kinase Enzyme System	10	µg	1	57761
V4485	ADP-Glo™ Kinase Assay + CK1a1Kinase Enzyme System	1	each	1	114938
V4488	CDK2/CyclinE1 Kinase Enzyme System	10	µg	1	57761
V4489	ADP-Glo™ Kinase Assay + CDK2/CyclinE1 Kinase Enzyme System	1	each	1	114938
V4490	CDK3/CyclinE1 Kinase Enzyme System	10	µg	1	57761
V4491	ADP-Glo™ Kinase Assay + CDK3/CyclinE1Kinase Enzyme System	1	each	1	114938
V4492	ALK2 Kinase Enzyme System	10	µg	1	57761
V4493	ADP-Glo™ Kinase Assay + ALK2 Kinase Enzyme System	1	each	1	114938
V4494	VRK2 Kinase Enzyme System	10	µg	1	57761
V4495	ADP-Glo™ Kinase Assay + VRK2 Kinase Enzyme System	1	each	1	114938
V4510	CDK6/CyclinD3 Kinase Enzyme System	10	µg	1	57761
V4511	ADP-Glo™ Kinase Assay + CDK6/CyclinD3 Kinase Enzyme System	1	each	1	114938
V4741	ClickFit Microtube, 1.5ml	1,000	/pack	1	15315
V4831	PNGase F	500	u	1	29988
V4871	Endo H	10,000	units	1	13195
V4875	Endo H	50000	units	1	48495
V4931	Protein Deglycosylation Mix	20	reactions	1	79340
V4961	Fetuin	500	µg	1	13195
V5011	AMP-Glo™ Assay	1000	assays	1	87224
V5012	AMP-Glo™ Assay	10,000	assays	1	500592
V5013	AMP-Glo™ Assay	50,000	assays	1	1289402
V5111	Seq Grade Modified Trypsin	100	µg	1	11246
V5113	Sequencing Grade Modified Trypsin, Frozen	100	µg	1	5623
V5161	cAMP-Dependent Protein Kinase, Catalytic Subunit	2,500	u	1	36757
V5171	cGMP-Dependent Protein Kinase	6,000	u	1	40403
V5261	Protein Kinase C	1	µg	1	46092
V5280	Trypsin Gold-Mass Spec Grade	100	µg	1	13935
V5291	384-Well Plate Flat	10	/pk	1	12566
V5311	384-Well Plate Conical	10	/pk	1	9621
V5330	PepTag® Non-Radio PKC Assay System	120	reactions	1	48134
V5340	PepTag® Non-Radio cAMPDependent Protein Kinase Assay	120	reactions	1	48134
V5551	EGF Receptor	10	u	1	66950

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V5581	Factor Xa Protease	50	µg	1	14651
V5591	Streptavidin Alkaline Phosphatase	0.5	ml	1	13902
V5601	Kemptide (PKA) Peptide Substrate	1	mg	1	6418
V5611	Neurogranin (28-43) PKC Peptide Substrate	1	mg	1	21733
V5621	Casein Kinase II	100	u	1	25963
V5631	Casein Kinase I	100	u	1	25963
V5661	Casein Kinase II Peptide Substrate	1	mg	1	25234
V5671	DNA-Dependent Protein Kinase Peptide Substrate	1	mg	1	31652
V5681	cAMP-Dependent Protein KinasePeptide Inhibitor	1	mg	1	27422
V5691	Myristoylated Protein Kinase C Peptide Inhibitor	1	mg	1	12836
V5811	DNA-Dependent Protein Kinase	2,500	u	1	34569
V6041	MagnaBot® Flat Top MagneticSeparation Device	1	each	1	157006
V6071	Kinase-Glo® Max Luminescent Kinase Assay	10	ml	1	15461
V6072	Kinase-Glo® Max Luminescent Kinase Assay	10 × 10	ml	1	71180
V6073	Kinase-Glo® Max Luminescent Kinase Assay	100	ml	1	62428
V6074	Kinase-Glo® Max Luminescent Kinase Assay	10 × 100	ml	1	463981
V6101	ProTEV Plus, 5u/ul	1,000	u	1	17453
V6102	ProTEV Plus, 5u/ul	8,000	u	1	117600
V6231	TE Buffer 1X	100	ml	1	4529
V6232	TE Buffer 1X	500	ml	1	16606
V6311	PPase-2A	25	u	1	71180
V6361	PPase-2B	10	u	1	20712
V6411	cGMP 1mM	500	µl	1	5980
V6421	cAMP 1mM	500	µl	1	5980
V6430	SignaTECT® cdc2 Protein Kinase Assay System	96	reactions	1	59511
V6480	SignaTECT® Protein Tyrosine Kinase Assay System	96	reactions	1	65054
V6551	Sodium Dodecyl Sulfate Solution	100	ml	1	5586
V6553	Sodium Dodecyl Sulfate Solution	500	ml	1	24909
V6611	GSH/GSSG-Glo™ Assay	10	ml	1	63819
V6612	GSH/GSSG-Glo™ Assay	50	ml	1	276988
V6711	Kinase-Glo® Luminescent Kinase Assay	10	ml	1	13857
V6712	Kinase-Glo® Luminescent Kinase Assay	10 × 10	ml	1	63595
V6713	Kinase-Glo® Luminescent Kinase Assay	100	ml	1	53676
V6714	Kinase-Glo® Luminescent Kinase Assay	10 × 100	ml	1	412200
V6741	Deep Well Heat Transfer Block	1	each	1	83916
V6771	1.2ml Round-Bottom Deep Well Plate	50	/case	1	63959
V6781	2.2ml Square-Well Deep Well Plate	50	/case	1	74648
V6791	Pyramid Bottom Reservoir, 12 Column	25	/case	1	79204
V6801	Pyramid-Bottom Reservoir	25	/case	1	82884
V6811	U-Bottom Microplate	50	/case	1	36623
V6821	1.1ml, Square-Well, V-Bottom Deep Well Plate	25	/case	1	29964
V6831	10ml, 24 Well Deep Well Plate	25	/case	1	42230
V6911	GSH-Glo™ Glutathione Assay	10	ml	1	49817
V6912	GSH-Glo™ Glutathione Assay	50	ml	1	184726
V7001	ADP-Glo™ Max Assay	1,000	assays	1	82557

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V7002	ADP-Glo™ Max Assay	10,000	assays	1	475795
V7120	Gel Drying Kit	1	kit	1	8954
V7131	Gel Drying Film, 25.5 x 28cm	100	sheets	1	6833
V7441	Casein Kinase I Peptide Substrate	1	mg	1	25234
V7451	c-GMP Dependent Protein Kinase (PKG) Peptide Substrate	1	mg	1	35444
V7470	SignaTECT® Protein Kinase CAssay System	96	reactions	1	59511
V7480	SignaTECT® cAMP-Dependent Protein Kinase Assay System	96	reactions	1	59511
V7861	SAM2® Biotin Capture Membrane, 7.6cm x 10.9cm	1	each	1	38799
V7870	SignaTECT® DNA-Dependent Protein Kinase Assay System	96	reactions	1	59511
V7931	Anti-ACTIVE® JNK pAb, Rabbit, (pTPpY)	40	µl	1	54552
V7932	Anti-ACTIVE® JNK pAb Rabbit (pTPpY)	120	µl	1	95392
V7951	Donkey Anti-Rabbit, IgG, (H&L) HRP	60	µl	1	17211
V7983	Antibiotic G-418 Sulfate	5	g	1	63405
V8001	ADP-Glo™ Kinase Assay + MINK1 Kinase Enzyme System	1	each	1	114938
V8011	ADP-Glo™ Kinase Assay +PDGFR Alpha Kinase Enzyme System	1	each	1	114938
V8021	ADP-Glo™ Kinase Assay +PDGFR Beta Kinase Enzyme System	1	each	1	114938
V8031	Anti-ACTIVE® MAPK pAb, Rabbit, (pTEpY)	40	µl	1	54552
V8041	ADP-Glo™ Kinase Assay + PLK1 Kinase Enzyme System	1	each	1	114938
V8051	Donkey Anti-Goat IgG HRP, 60ul	60	µl	1	17211
V8061	ADP-Glo™ Kinase Assay + RET Kinase Enzyme System	1	each	1	114938
V8071	ADP-Glo™ Kinase Assay + RON Kinase Enzyme System	1	each	1	114938
V8091	Antibiotic G-418 Sulfate Solution	20	ml	1	19927
V8151	MagnaBot® 96 Magnetic Separation Device	1	each	1	113981
V8161	SignaTECT® CaMKII Protein Kinase Assay System	96	reactions	1	59511
V8211	InCELLect® AKAP St-Ht31 Inhibitor Peptide	150	µl	1	50468
V8221	InCELLect® St-Ht31P ControlPeptide	150	µl	1	50468
V8241	MagnaBot® 384 Magnetic Separation Device	1	each	1	475363
V8251	Plate Clamp 96	1	each	1	66759
V8261	Plate Stand	1	each	1	37699
V8271	ADP-Glo™ Kinase Assay + SYK Kinase Enzyme System	1	each	1	114938
V8291	ADP-Glo™ Kinase Assay + TBK1 Kinase Enzyme System	1	each	1	114938
V8301	ADP-Glo™ Kinase Assay + TGF Beta R2 Kinase Enzyme System	1	each	1	114938
V8311	ADP-Glo™ Kinase Assay + ZAP70 Kinase Enzyme System	1	each	1	114938
V8351	MagnaBot® II Magnetic Separation Device	1	each	1	126175
V8381	MagnaBot® Spacer	1	each	1	1944
V8421	P450-Glo™ CYP1A2 Induction/ Inhibition Assay	10	ml	1	18087
V8422	P450-Glo™ CYP1A2 Induction/ Inhibition Assay	50	ml	1	53093
V8491	Broad Range Protein MolecularMarkers	100	lanes	1	14908
V8500	MagneHis™ Protein Purification System	65	reactions	1	31573
V8550	MagneHis™ Protein Purification System	325	reactions	1	80229
V8560	MagneHis™ Ni-Particles	2	ml	1	19321
V8565	MagneHis™ Ni-Particles	10	ml	1	56195
V8571	FastBreak™ Cell Lysis Reagent, 10X	15	ml	1	4123
V8572	FastBreak™ Cell Lysis Reagent, 10X	60	ml	1	12252
V8573	FastBreak™ Cell Lysis Reagent ,10X	100	ml	1	19085

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V8581	MagnaBot® Spacer 1/8 inch	1	each	1	3855
V8600	MagneGST™ Protein Purification System	40	reactions	1	20617
V8603	MagneGST™ Protein Purification System	200	reactions	1	60790
V8611	MagneGST™ Glutathione Particles	4	ml	1	14491
V8612	MagneGST™ Glutathione Particles	20	ml	1	48538
V8681	MagnaBot® Spacer 1/16 inch	1	each	1	3855
V8751	P450-Glo™ CYP1A1 Assay	10	ml	1	16695
V8752	P450-Glo™ CYP1A1 Assay	50	ml	1	49009
V8761	P450-Glo™ CYP1B1 Assay	10	ml	1	16695
V8762	P450-Glo™ CYP1B1 Assay	50	ml	1	49009
V8771	P450-Glo™ CYP1A2 Assay	10	ml	1	16695
V8772	P450-Glo™ CYP1A2 Assay	50	ml	1	49009
V8781	P450-Glo™ CYP2C8 Assay	10	ml	1	16695
V8782	P450-Glo™ CYP2C8 Assay	50	ml	1	49009
V8791	P450-Glo™ CYP2C9 Assay	10	ml	1	16695
V8792	P450-Glo™ CYP2C9 Assay	50	ml	1	49009
V8801	P450-Glo™ CYP3A4 Assay	10	ml	1	16695
V8802	P450-Glo™ CYP3A4 Assay	50	ml	1	49009
V8811	P450-Glo™ CYP3A7 Assay	10	ml	1	16695
V8812	P450-Glo™ CYP3A7 Assay	50	ml	1	49009
V8821	HisLink™ Protein Purification Resin	50	ml	1	30277
V8823	HisLink™ Protein Purification Resin	5	ml	1	4712
V8830	MagZ™ Protein Purification System	30	reactions	1	33553
V8870	MagneGST™ Pull-Down System	80	reactions	1	82106
V8881	P450-Glo™ CYP2C19 Assay	10	ml	1	16695
V8882	P450-Glo™ CYP2C19 Assay	50	ml	1	49009
V8891	P450-Glo™ CYP2D6 Assay	10	ml	1	16695
V8892	P450-Glo™ CYP2D6 Assay	50	ml	1	49009
V8901	P450-Glo™ CYP3A4 Assay (Luc -PFBE) Cell-Based/Bio	10	ml	1	16695
V8902	P450-Glo™ CYP3A4 Assay (Luc -PFBE) Cell-Based/Bio	50	ml	1	49009
V8911	P450-Glo™ CYP3A4 Assay with Luciferin PPXE	10	ml	1	16695
V8912	P450-Glo™ CYP3A4 Assay with Luciferin PPXE	50	ml	1	49009
V8920	Luciferin Detection Reagent	10	ml	1	11310
V8921	Luciferin Detection Reagent	50	ml	1	26659
V8930	Luciferin Detection Reagent with esterase	10	ml	1	11310
V8931	Luciferin Detection Reagent, with esterase	50	ml	1	26659
V9001	P450-Glo™ CYP3A4 Assay with Luciferin-IPA	10	ml	1	18087
V9002	P450-Glo™ CYP3A4 Assay with Luciferin-IPA	50	ml	1	53093
V9011	Immobilized Trypsin, Trial Size	1	ml	1	13880
V9012	Immobilized Trypsin	2	ml	1	27568
V9013	Immobilized Trypsin	4ml (2 x 2ml)		1	50401
V9021	ADP-Glo™ Kinase Assay+ AMPK A1/B1/G1 Kinase Enzyme System	1	each	1	164676
V9041	ADP-Glo™ Kinase Assay + AKT2 Kinase Enzyme System	1	each	1	114938
V9051	ADP-Glo™ Kinase Assay + ABL1 Kinase Enzyme System	1	each	1	114938
V9061	ADP-Glo™ Kinase Assay + AKT1 Kinase Enzyme System	1	each	1	114938

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V9071	ADP-Glo™ Kinase Assay + BTK Kinase Enzyme System	1	each	1	114938
V9081	ADP-Glo™ Kinase Assay + Aurora A Kinase Enzyme System	1	each	1	114938
V9091	ADP-Glo™ Kinase Assay + CAMK4 Kinase Enzyme System	1	each	1	114938
V9101	ADP-Glo™ Kinase Assay	1,000	assays	1	83432
V9102	ADP-Glo™ Kinase Assay	10,000	assays	1	480609
V9103	ADP-Glo™ Kinase Assay	100,000	assays	1	2520753
V9104	ADP-Glo™ Kinase Assay, Bulk Packaged	100,000	assays	1	2520753
V9171	ADP-Glo™ Kinase Assay + AXL Kinase Enzyme System	1	each	1	114938
V9181	ADP-Glo™ Kinase Assay + Aurora B Kinase Enzyme System	1	each	1	114938
V9191	ADP-Glo™ Kinase Assay + ULK1 Kinase Enzyme System	1	each	1	114938
V9201	ADP-Glo™ Kinase Assay +CAMK2 Gamma Kinase Enzyme System	1	each	1	114938
V9211	ADP-Glo™ Kinase Assay +CDK1 /CyclinA2 Kinase Enzyme Syste	1	each	1	114938
V9221	ADP-Glo™ Kinase Assay +CDK2 /CyclinA2 Kinase Enzyme Syste	1	each	1	114938
V9231	ADP-Glo™ Kinase Assay + NEK2 Kinase Enzyme System	1	each	1	114938
V9241	ADP-Glo™ Kinase Assay + CHK1 Kinase Enzyme System	1	each	1	114938
V9251	ADP-Glo™ Kinase Assay + CSK Kinase Enzyme System	1	each	1	114938
V9261	ADP-Glo™ Kinase Assay + EGFR Kinase Enzyme System	1	each	1	114938
V9271	ADP-Glo™ Kinase Assay + EPHA1 Kinase Enzyme System	1	each	1	114938
V9281	ADP-Glo™ Kinase Assay + ERK1 Kinase Enzyme System	1	each	1	114938
V9291	ADP-Glo™ Kinase Assay + ERK2 Kinase Enzyme System	1	each	1	114938
V9301	ADP-Glo™ Kinase Assay + FAK Kinase Enzyme System	1	each	1	114938
V9311	ADP-Glo™ Kinase Assay + FER Kinase Enzyme System	1	each	1	114938
V9321	ADP-Glo™ Kinase Assay + FGFR1 Kinase Enzyme System	1	each	1	114938
V9331	ADP-Glo™ Kinase Assay + FLT1 Kinase Enzyme System	1	each	1	114938
V9341	ADP-Glo™ Kinase Assay + FYN A Kinase Enzyme System	1	each	1	114938
V9351	ADP-Glo™ Kinase Assay + GRK5 Kinase Enzyme System	1	each	1	114938
V9361	ADP-Glo™ Kinase Assay +GSK3 Alpha Kinase Enzyme System	1	each	1	114938
V9371	ADP-Glo™ Kinase Assay + GSK3 Beta Kinase Enzyme System	1	each	1	114938
V9381	ADP-Glo™ Kinase Assay + HER2 Kinase Enzyme System	1	each	1	114938
V9391	ADP-Glo™ Kinase Assay + HER4 Kinase Enzyme System	1	each	1	114938
V9401	ADP-Glo™ Kinase Assay + IGF1R Kinase Enzyme System	1	each	1	114938
V9411	ADP-Glo™ Kinase Assay + InsR Kinase Enzyme System	1	each	1	114938
V9421	ADP-Glo™ Kinase Assay + IRAK4 Kinase Enzyme System	1	each	1	114938
V9431	ADP-Glo™ Kinase Assay + ITK Kinase Enzyme System	1	each	1	114938
V9441	ADP-Glo™ Kinase Assay + JAK3 Kinase Enzyme System	1	each	1	114938
V9451	ADP-Glo™ Kinase Assay + PAK4 Kinase Enzyme System	1	each	1	114938
V9461	ADP-Glo™ Kinase Assay + JNK3 Kinase Enzyme System	1	each	1	114938
V9471	ADP-Glo™ Kinase Assay + KDR Kinase Enzyme System	1	each	1	114938
V9481	ADP-Glo™ Kinase Assay + ASK1 Kinase Enzyme System	1	each	1	114938
V9491	ADP-Glo™ Kinase Assay + LCK Kinase Enzyme System	1	each	1	114938
V9501	ADP-Glo™ Kinase Assay + LYN B Kinase Enzyme System	1	each	1	114938
V9510	NADPH Regeneration System	1,000	assays	1	17211
V9541	ADP-Glo™ Kinase Assay + CDK5/p25 Kinase Enzyme System	1	each	1	114938
V9551	ADP-Glo™ Kinase Assay + CDK5/p35 Kinase Enzyme System	1	each	1	114938
V9561	ADP-Glo™ Kinase Assay + c-MER Kinase Enzyme System	1	each	1	114938

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
V9571	ADP-Glo™ Kinase Assay + MET Kinase Enzyme System	1	each	1	114938
V9581	ADP-Glo™ Kinase Assay + ROCK1 Kinase Enzyme System	1	each	1	114938
V9591	ADP-Glo™ Kinase Assay + p38 Alpha Kinase Enzyme System	1	each	1	114938
V9601	ADP-Glo™ Kinase Assay + p38 Gamma Kinase Enzyme System	1	each	1	114938
V9611	ADP-Glo™ Kinase Assay + p70S6K Kinase Enzyme System	1	each	1	114938
V9651	ADP-Glo™ Kinase Assay + RSK2 Kinase Enzyme System	1	each	1	114938
V9671	ADP-Glo™ Kinase Assay + SGK1 Kinase Enzyme System	1	each	1	114938
V9681	ADP-Glo™ Kinase Assay + PDK1 Kinase Enzyme System	1	each	1	114938
V9691	ADP-Glo™ Kinase Assay + PKC Alpha Kinase Enzyme System	1	each	1	114938
V9701	ADP-Glo™ Kinase Assay + PKC Beta II Kinase Enzyme System	1	each	1	114938
V9711	ADP-Glo™ Kinase Assay + PKC Gamma Kinase Enzyme System	1	each	1	114938
V9721	ADP-Glo™ Kinase Assay + PKC Delta Kinase Enzyme System	1	each	1	114938
V9731	ADP-Glo™ Kinase Assay + PKC Zeta Kinase Enzyme System	1	each	1	114938
V9741	ADP-Glo™ Kinase Assay + SRC Kinase Enzyme System	1	each	1	114938
V9751	ADP-Glo™ Kinase Assay + PKC Iota Kinase Enzyme System	1	each	1	114938
V9761	ADP-Glo™ Kinase Assay + TRKA Kinase Enzyme System	1	each	1	114938
V9770	P450-Glo™ CYP1A2 Screening System	1,000	assays	1	131128
V9790	P450-Glo™ CYP2C9 Screening System	1,000	assays	1	131128
V9800	P450-Glo™ CYP3A4 Screening System	1,000	assays	1	131128
V9880	P450-Glo™ CYP2C19 Screening System	1,000	assays	1	131128
V9890	P450-Glo™ CYP2D6 Screening System	1,000	assays	1	131128
V9910	P450-Glo™ CYP3A4 Screening System with Luciferin-PPXE	1,000	assays	1	131128
V9920	P450-Glo™ CYP3A4 Screening System with Luciferin-IPA	1,000	assays	1	131128
W1001	ECL Western Blotting Substrate	250	ml	1	18889
W1015	ECL Western Blotting Substrate	500	ml	1	25270
W3831	Tween® 20	2.5	ml	1	4123
W3841	Blot Qualified BSA	10	g	1	6833
W3940	ProtoBlot® II AP System w/ Stabil. Substrate, Human	1	each	1	25800
W3950	ProtoBlot® II AP System w/ Stabil. Substrate, Mouse	1	each	1	25800
W3960	ProtoBlot® II AP System w/ Stabil. Substrate, Rabbit	1	each	1	25800
W4011	Anti-Rabbit IgG (H&L) HRP Conjugate	300	µl	1	12563
W4021	Anti-Mouse IgG HRP Conjugate	300	µl	1	12563
W4031	Anti-Human IgG HRP Conjugate	300	µl	1	12563
W4121	TMB Stabilized Substrate for HRP	200	ml	1	12370
Y4041	Canine Microsomal Membranes	50	µl	1	36053
Y5101	MOPS/EDTA Buffer	3 × 10	ml	1	5513
Y9341	Promega Flipper Rack, 64 Well, Blue, w/lid	8 × 8	tubes	1	1671
Y9422	Promega Flipper® Rack, Purple	8 × 12	tubes	1	1671
Z1001	ReliaPrep™ FFPE Total RNA Miniprep System	10	reactions	1	20146
Z1002	ReliaPrep™ FFPE Total RNA Miniprep System	100	reactions	1	118576
Z3051	RNA Lysis Buffer (RLA)	50	ml	1	5790
Z3052	Wizard® SV Lysis Buffer	50	ml	1	5790
Z3091	RNA Wash Solution (RWA)	58.8	ml	1	5658
Z3100	SV Total RNA Isolation System	50	preps	1	31448
Z3101	SV Total RNA Isolation SystemTrial Size	10	preps	1	9737

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
Z3105	SV Total RNA Isolation System	250	preps	1	143422
Z3141	Red Blood Cell Lysis Solution(CLB)	200	ml	1	6579
Z3191	Lysis Buffer B Food	100	ml	1	31259
Z3201	Precipitation Solution Food	150	ml	1	51836
Z3271	Heat transfer block	1	each	1	15708
Z3291	Luminometer Plates	50	plates	1	39270
Z3301	1/4" Foam Spacer	1	each	1	4516
Z3311	Heating Circulator	1	each	1	326137
Z3321	Dry Block Heater	1	each	1	67348
Z3331	Heat Block Insert	1	each	1	36325
Z3341	Strip tube holder	1	each	1	6087
Z3351	MagneSil® Total RNA Mini-Isolation System	4	plate	1	135922
Z3370	PureYield™ RNA Midiprep Start-Up Kit, North America	1	each	1	248423
Z3372	PureYield™ RNA Midiprep Start-Up Kit, Continental Euro	1	each	1	248423
Z3380	SV Total RNA Isolation Start-Up Kit, North America	1	each	1	216142
Z3382	SV Total RNA Isolation Start-Up Kit, Continent Euro	1	each	1	216142
Z3500	SV 96 Total RNA Isolation System	1 × 96	each	1	41316
Z3505	SV 96 Total RNA Isolation System	5 × 96	each	1	179870
Z3602	ChipShot™ Direct Labeling System	25	reactions	1	34851
Z3612	ChipShot™ Membrane Clean-Up System	25	columns	1	64446
Z3651	Heat Block Insert	1	each	1	20677
Z3740	PureYield™ RNA Midiprep System	10	preps	1	17961
Z3741	PureYield™ RNA Midiprep System	50	preps	1	80680
Z3781	Anti-B-Galactosidase	100	µg	1	5790
Z3783	Anti-B-Galactosidase	2	mg	1	47764
Z4000	ChipShot™ Indirect Labeling and Clean-up System	25	reactions	1	160861
Z4100	ChipShot™ Direct Labeling and Clean-up System	25	reactions	1	125289
Z5200	PolyATtract® mRNA IsolationSystem II	3	isolations	1	29342
Z5210	PolyATtract® mRNA IsolationSystem I	3	isolations	1	23027
Z5261	Biotinylated Oligo (dT) Probe	35	µl	1	8290
Z5300	PolyATtract® mRNA IsolationSystem III	15	isolations	1	28553
Z5310	PolyATtract® mRNA IsolationSystem IV	15	isolations	1	22500
Z5331	MagneSphere® Mag. Sep. Stand 2-hole	0.5	ml	1	5921
Z5332	MagneSphere® Mag. Sep. Stand 2-hole	1.5	ml	1	5921
Z5333	MagneSphere® Mag. Sep. Stand 2-hole	12 × 75	mm	1	5921
Z5341	MagneSphere® Mag. Sep. Stand 12-hole	0.5	ml	1	20790
Z5342	MagneSphere® Mag. Sep. Stand 12-hole	1.5	ml	1	20790
Z5343	MagneSphere® Mag. Sep. Stand 12-hole	12 × 75	mm	1	20790
Z5400	PolyATtract® System 1000 (w/o Magnetic Stand)	Scal	able	1	62106
Z5410	PolyATtract® System 1000 Magnetic Separation Stand	1	each	1	11316
Z5420	PolyATtract® System 1000 (w/ Magnetic Stand)	Scalable		1	72237
Z5481	Streptavidin MagneSphere® Paramagnetic Particles	9	ml	1	20790
Z5482	Streptavidin MagneSphere® Paramagnetic Particles	25	ml	1	55790
Z5531	PolyATtract® GTC ExtractionBuffer	120	ml	1	10790
Z5651	RNAgents® Denaturing Solution	120	ml	1	16579

Catalog No.	Product Name	Size	UOM	Qty.	M.R.P. (₹) 2013-14
Z6010	ReliaPrep™ RNA Cell Miniprep System	10	preps	1	12370
Z6011	ReliaPrep™ RNA Cell Miniprep System	50	preps	1	39584
Z6012	ReliaPrep™ RNA Cell Miniprep System	250	preps	1	180956
Z7041	Streptavidin	1	mg	1	6842

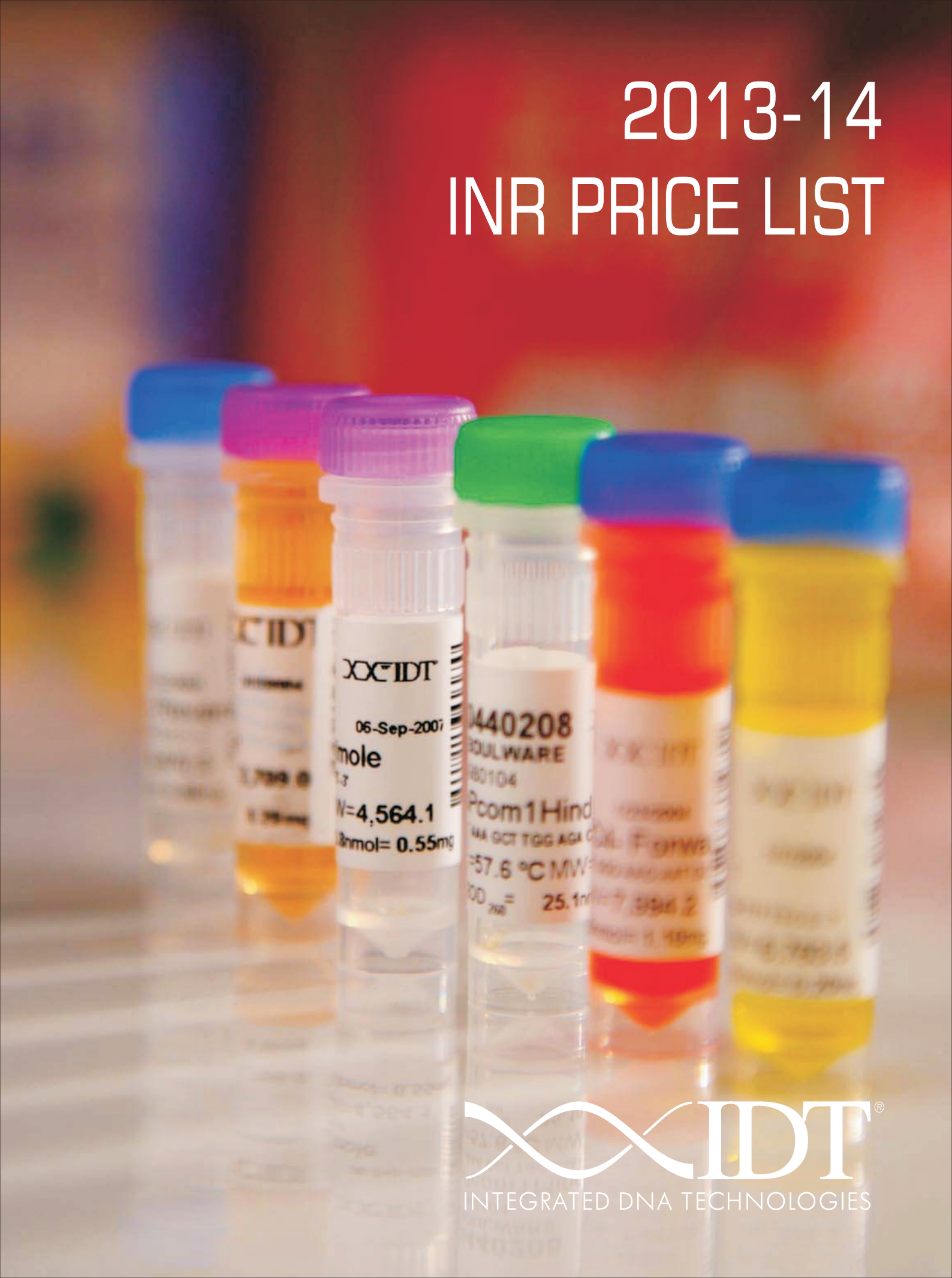
Promega Singapore 2013-14

M7741	Pfu DNA Polymerase	100	u	1	16644
M7745	Pfu DNA Polymerase	500	u	1	56050

Newly Launched Products

M7401	GoTaq® G2 Hot Start Polymerase	100	units	1	10880
M7405	GoTaq® G2 Hot Start Polymerase	500	units	1	48960
M7406	GoTaq® G2 Hot Start Polymerase	2,500	units	1	220160
M7408	GoTaq® G2 Hot Start Polymerase	10,000	units	1	801760
M7422	GoTaq® G2 Hot Start Green Master Mix	100	reactions	1	15200
M7423	GoTaq® G2 Hot Start Green Master Mix	1,000	reactions	1	120960
M7432	GoTaq® G2 Hot Start ColorlessMaster Mix	100	reactions	1	15200
M7433	GoTaq® G2 Hot Start ColorlessMaster Mix	1,000	reactions	1	120960
M7801	GoTaq® G2 Flexi DNA Polymerase	100	units	1	5760
M7805	GoTaq® G2 Flexi DNA Polymerase	500	units	1	25200
M7806	GoTaq® G2 Flexi DNA Polymerase	2,500	units	1	111600
M7808	GoTaq® G2 Flexi DNA Polymerase	10,000	units	1	217080
M7841	GoTaq® G2 DNA Polymerase	100	units	1	5760
M7845	GoTaq® G2 DNA Polymerase	500	units	1	25200

2013-14
INR PRICE LIST



IDT®

INTEGRATED DNA TECHNOLOGIES

INDEX

CUSTOM DNA

Custom DNA Synthesis (Desalted DNA Oligos)

Synthesis Scale	Length	Yield	Price (Rs) Tubes	Price (Rs) Plates
25 nmole	15-60 bases	3 ODs	19/base	14/base
100 nmole	10-90 bases	6 ODs	34/base	26/base
250 nmole	5-100 bases	15 ODs	68/base	55/base
1 μmole	5-100 bases	45 ODs	125/base	99/base
5 μmole	5-60 bases	225 ODs	610/base	Inquire
10 μmole	5-60 bases	450 ODs	1182/base	Inquire

Plate Service	96 well Plate
Loaded with 100% synthesis yield	free
Loaded with fixed quanitity	free
Loaded with fixed quatity, remainder in plates	Inquire
Primer mix with remainder in plates	Inquire
Primer mix with fixed replicate plates	Inquire

Yields are listed for unmodified oligos and will vary with length.

Machine mixing of degenrate / mixed bases is free of cost. For hand mixing of mixed bases additional fees will be applicable. Please enquire for the hand mixing of the mixed bases

Duplex - Annealing charges Rs. 3600/- / duplex

IDT offers many analytical and preparative services for oligos including:

- All oligos QC tested by mass spectrometry
- Standard mixed-base sites
- Customized hand-mix sites

Visit www.idtdna.com for details.

A custom, proprietary LC-MS Electrospray method has been developed to provide accurate mass assessment up to 200 bases.

Purifications	Type of Purification				
Scale	PAGE	HPLC	IE HPLC	RNase-Free HPLC	Dual HPLC
100 nmole (Rs)	3000	2750	2750	5000	5800
250 nmole (Rs)	4650	4250	4250	8550	8900
1 μmole (Rs)	7500	6800	6800	11750	13750
5 μmole (Rs)	52050	17850	17850	25000	36750
10 μmole (Rs)	75650	27000	27000	42850	55600

ULTRAmers™

Product	Purification	Guaranteed Yield	Price (Rs)
4-nmole Ultramer DNA Oligo	Standard Desalt	4 nmoles	68/base
20-nmole Ultramer DNA Oligo	Standard Desalt	20 nmoles	138/base
Page Ultramer DNA Oligo	PAGE Purification	Inquire	Inquire
4-nmole Ultramer Plate Oligo	Standard Desalt	4 nmoles/well	39/base
20-nmole Ultramer Plate Oligo	Standard Desalt	20 nmoles/well	78/base

ULTRAmers™ Specifications
60 to 200 bases
Delivered normalized and lyophilized in tubes or plates
Ideal for gene construction, cloning and ddRNAi

Ultramers Modifications

Modifications	4 nmole Ultramer™ Oligo (Rs)	4 nmole Ultramer™ Plate Oligo (Rs)	PAGE Ultramer™ (Rs)	20 nmole Ultramer™ Oligo (Rs)
5' Phosphorylation	1800	900	2280	2280
5' Biotin	3600	1800	NA	4560
5' Amino Modifier C6	2160	1080	NA	2760
5' Amino Modifier C12	5040	2520	NA	6360
5' deoxyInosine	720	360	900	900
5' deoxyUridine	720	360	900	900

200 picomole Ultramer DNA Plate oligo

The 200 picomole Ultramer™ DNA Plate Oligo provides customers with a low-yield, high-quantity option for Ultramer oligos. The minimum order size is 288 with a length limit of 45-120 bases. The product can be delivered in 96 or 384 well plates only, and can be shipped dry or at 2-10 μM IDTE, pH 7.5. This product will be particularly valuable for those doing gene assembly and target enrichment for Next Generation Sequencing

200 picomole Ultramer DNA Plate oligo

DNA bases (Length 45-120 bases)	24/- per base.

200 picomole Ultramer DNA Plate oligo (Available modifications)

Modification	Price (Rs)
5' Amino Modifier C12	2940/-
5' Amino Modifier C12	2940/-
5' Amino Modifier C6	1260/-
5' Biotin	2100/-
5' deoxylnosine	420/-
5' deoxyUridine	420/-
5' Phosphorylation	1050/-
Int deoxylnosine	420/-
Int deoxyUridine	420/-

Sub-Nanomole Plate Oligos

Sub-nanomole plates require a minimum order of 288 oligos.

Product	Length	Pricing
500 picomole	15 - 60 Bases	14/- per base

CUSTOM GENES AND DUPLEXES

Genes

Product	Yield	Length	Price (Rs)
miniGENES	2 μg purified plasmid DNA	5 to 400 base pairs	21,000/gene
Custom Gene Synthesis	2 μg purified plasmid DNA	400-1500 base pairs	68/base pair
Custom Gene Synthesis	2 μg purified plasmid DNA	>1500 base pairs	Please Enquire

gBlocks™ Gene Fragments

gBlocks™ Gene Fragments are double-stranded DNA molecules of up to 500 bp in length. gBlocks Gene Fragments are synthesized using the same industry-leading, high-fidelity synthesis chemistries developed by IDT for our Ultramer™ oligonucleotides, and are sequence verified prior to shipping. The high sequence fidelity and rapid delivery time make gBlocks Gene Fragments ideal for a range of synthetic biology applications, including the ability to easily assemble multiple gene fragments to reliably generate larger gene constructs.

Highly versatile - gBlocks Gene Fragments can be used to easily and reliably assemble almost any sequence up to 2 kb, and are compatible with most published cloning methods, including the Gibson AssemblyTM method, blunt-end or cohesive-end cloning protocols.

Easy isothermal gene assembly - Four gBlocks Gene Fragments can be assembled in a single reaction into a 2 kb gene in less than 1 hour; a simple, 30 nt sequence overlap is required when designing the gene fragments.

Product	Yield	Length	Price (Rs)
gBlocks	200 ng (dry and normalized)	Up to 500 base pairs	16,500/duplex

Custom Gene Synthesis

IDT offers a confidential custom gene synthesis service. By ordering genes from IDT, researchers not only save money spent on reagents necessary for construction, cloning, and sequencing but can also save time by outsourcing the manufacturing of hard-to-clone gene sequences which often result in repeated failures. At IDT, all genes are constructed using Ultramers™, the highest fidelity next generation synthesis technology available. Genes arrive in a plasmid cloning vector and are ready for use in a variety of applications. Sequence information is always secure and confidential at IDT. Non-disclosure agreements are available through IDT's legal services upon request.

Sequence Verification

All Genes and miniGENEs are sequence verified on both strands prior to shipping. Sequence information including chromatograms and a plasmid map, and a FASTA file are available to the customer.

Standard Cloning

All IDT genes are delivered in a vector ready to be transformed into E. coli. IDT has the ability to construct genes ranging in size from 50bases and larger. Our preferred vector is IDT's proprietary cloning vectors, listed in below table.

Vector Information	Size	Sequence
pUCIDT	2800	http://www.idtdna.com/pages/docs/synthetic-biology/pucidt.fas
pIDTSmart (Amp)	2056	http://www.idtdna.com/pages/docs/synthetic-biology/pidtsmart_amp.fas
pIDTSmart (Kan)	1962	http://www.idtdna.com/pages/docs/synthetic-biology/pidtsmart_kan.fas
pIDTBlue	2891	http://www.idtdna.com/pages/docs/synthetic-biology/pidtblue.fas

Handling, setting up and complexity fees as applicable shall be charged extra"

All genes would be delivered in pIDT smart vector at no additional charge. For any other customized vector request charges shall be extra as applicable.

Also includes electronic files of the complete sequence of plasmid containing the cloned gene, and DNA sequencing electropherograms.

DNA MODIFICATIONS

Phosphorylation	Price (Rs)					
Synthesis Scale	**25 nmole**	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
5' Phosphorylation	2100	2100	2660	4760	9520	18900
3' Phosphorylation		2660	3220	5320	26600	26600
Attachment Chemistry & Linkers						
OTHERS						
5' Acrydite 1.0		8400	10500	16100	31500	63000
5'Adenylation		73080	98000	168000	455000	651000
3'Cholesteryl-TEG		8400	8400	25200	67200	126000
5'Digoxigenin NHS Ester		12180	12180	18900		
3'Digoxigenin NHS Ester		12180	12180	18900		
5' I-Linker 1.2		5880	7980	12180	30800	60900
5' Azide (NHS Ester)		9450	11340	17010	58590	115920
Int Azide (NHS Ester)		13230	17010	25200	88200	175770
3' Azide (NHS Ester)		9450	11340	17010	58590	115920
AMINO MODIFIERS						
5' Amino Modifier C6	2520	2520	3220	5320	10500	21000
5'Amino Modifier C12	5880	5880	7420	11060	22400	44100
5'Amino Modifer C6dT		13160	16100	23800	47600	94500
Int Amino Modifer C6dT		13160	16100	23800	47600	94500
3' Amino Modifier C6dT		21000	21000	31500	63000	126000
3' Amino Modifier		2520	3240	4560	11280	22800
5' Uni-Link™ Amino Modifier		7182	9072	13860	27720	53550
Int Uni-Link™ Amino Modifier		7182	9072	13860	27720	53550
BIOTINYLATION						
5'Biotin	3600	3600	4750	9000	18000	36000
3'Biotin		5400	6840	10440	26400	52200
5'Biotin dT		16200	16200	25200	62400	124200
Int Biotin dT		16200	16200	25200	62400	124200
3' Biotin dT		16200	16200	25200	62400	124200
5'Biotin -TEG		6480	8160	10800	27600	54000
3'Biotin -TEG		5400	6840	9000	22800	45000
5' Dual Biotin		18000	18000	27000	40800	84500
5' PC Biotin		13200	13200	29400	72800	124200
5' Biotin (Azide)		11340	14490	21420	74970	149310
Int Biotin (Azide)		13230	17010	25200	88200	175770
5' Desthiobiotin-TEG		10836	13860	20160	51030	100800
Int Desthiobiotin-TEG		10836	13860	20160	51030	100800
3' Desthiobiotin-TEG		14490	18270	27090	67410	134190
THIOL MODIFICATIONS						
3'Thiol Modifier C 3 S-S		9000	9000	13800	34200	67800
5' Dithiol		16200	19800	30000	74400	145800
Int Dithiol		16200	19800	30000	74400	145800
3' Dithiol		26400	26400	39600	98900	198900
5' Thiol Modifier C6 S-S		11280	11280	18000	35400	70200

IDT recomends purification of certain modifications, please refer to prurifications guide

DNA MODIFICATIONS

Alkynes	Price (Rs)					
Synthesis Scale	**25 nmole**	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
5' Hexynyl		7560	9450	14490	28350	56700
5' 5-Octadiynyl dU		11340	14490	21420	53550	106470
Int 5-Octadiynyl dU		11340	14490	21420	53550	106470
3' 5-Octadiynyl dU		15120	18270	27090	68040	134820
Quenchers						
5' Iowa Black® RQ		6804	8568	13230	32130	64260
3' Iowa Black® RQ		6804	8568	13230	32130	64260
5' Iowa Black FQ		6804	8568	13230	32130	64260
3' Iowa Black FQ		6804	8568	13230	32130	64260
3' Black Hole Quencher 1		7200	9000	13800		
3' Black Hole Quencher 2		7200	9000	13800		
3' Dabcyl		7200	9000	13800	35910	71190
Spacers						
5'C3 Spacers		3600	4560	6726	14490	28350
Int C3 Spacers		3600	4560	6783	14490	28350
3' C3 spacers		3600	4560	6783	14490	28350
5' PC Spacers		12600	15600	23400	60480	120960
Int PC Spacers		12600	15600	23400	60480	120960
3' Hexanediol		3240	4200	5400	14490	28350
5' Spacer 9		3600	4560	6840	14490	28350
Int Spacer 9		3600	4560	6840	14490	28350
3' Spacer 9		5985	6150	9000	18900	37800
5' Spacer 18		4560	5400	8160	17010	34020
Int Spacer 18		4560	5400	8160	17010	34020
3' Spacer 18		7080	7080	10800	22680	45360
5' 1'-2'- Dideoxyribose (dspacer)		7616	9075	13800	28350	56700
Int1'-2'- Dideoxyribose (dspacer)		7680	9000	13800	28350	56700
3'1'-2'- Dideoxyribose (dspacer)		12600	12600	18000	37800	75600
Phosphorothioate Bonds		350	350	508	2175	3045
Modified Bases						
5' 2- Aminopurine		13800	13800	20400	42840	85050
Int 2- Aminopurine		13800	13800	20400	42840	85050
3' 2 Aminopurine		18000	18000	27000	56700	113400
5' 2,6 - Diaminopurine (2-Amino-dA)		16200	16200	25200	65520	130410
Int 2,6 - Diaminopurine (2-Amino-dA)		16200	16200	25200	65520	130284
3' 2,6 - Diaminopurine (2-Amino-dA)		20825	20825	33000	86310	172620
5' 5- Bromo dU		7200	7200	10800	28350	56700
Int 5- Bromo dU		7200	7200	10800	28350	56700
5' Deoxy Uridine	756	945	1134	1701	2898	5670
Int Deoxy Uridine	756	945	1134	1701	2898	5670
3' Deoxy Uridine		945	1134	1701	2898	5670
3' Inverted dT		3480	4080	6360	17010	33390
5' Inverted Dideoxy-T		12600	15750	23310	46620	93240

IDT recomends purification of certain modifications, please refer to prurifications guide

DNA MODIFICATIONS

Modified Bases	Price (Rs)					
Synthesis Scale	**25 nmole**	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
3' Dideoxy -C		9000	11280	17400	45360	90090
5' 5- Methyl dC		4560	5400	8160	17010	34020
Int 5- Methyl dC		4560	5400	8160	17010	34020
3' 5- Methyl dC		4560	5400	8160	22680	45360
5'Deoxy Inosine	756	945	1134	1701	2898	5670
Int Deoxy Inosine	756	945	1134	1701	2898	5670
3' Deoxy inosine		945	1134	1701	3654	7182
Locked Nucleic Acids (LNA's)						
5' 5- Nitroindole		13800	13800	20400	42840	85050
Int 5- Nitroindole		13800	13800	20400	42840	85050
3' 5- Nitroindole		18000	18000	27000	56700	113400
2'-0- Methyl RNA Bases		784	1181	1750	5880	10780
3' Ribo primers						
3' Ribo A		2760	3600	5400		
3' Ribo C		2760	3600	5400		
3' Ribo G		2760	3600	5400		
3' Ribo U		2760	3600	5400		
Iso-dC & Iso-dG						
5'IsodG		6720	6720	13800		
Int Iso dG		6720	6720	13800		
5' Iso dC		6720	6720	13800		
Int Iso dC		6720	6720	13800		
5' Hydroxmethyl dC		34020	42210	63000	188370	376110
Int Hydroxmethyl dC		34020	42210	63000	188370	376110
3' Hydroxmethyl dC		44100	55440	81900	244440	488880
Fluoro Bases						
5' 2' Fluoro C		3000	3000	4200	11340	22050
Int 2' Fluoro C		3000	3000	4200	11340	22050
3' 2' Fluoro C		3600	3600	5400	14490	28980
5' 2' Fluoro U		3000	3000	4200	11340	22050
Int 2' Fluoro U		3000	3000	4200	11340	22050
3' 2' Fluoro U		3600	3600	5400	14490	28980
5' 2' Fluoro A		3000	3000	4200	11340	22050
Int 2' Fluoro A		3000	3000	4200	11340	22050
3' 2' Fluoro A		3600	3600	5400	14490	28980
5' 2' Fluoro G		3000	3000	4200	11340	22050
Int 2' Fluoro G		3000	3000	4200	11340	22050
3' 2' Fluoro G		3600	3600	5400	14490	28980

IDT recomends purification of certain modifications, please refer to prurifications guide

Click Chemistry

Modification Name	Used for modifying oligos with
5', Int, 3' Azide (NHS Ester)	5', 3', or internal azide functional group
5' Hexynyl	5' alkyne functional group
5', Int, 3' 5-Octadiynyl dU	5', 3', or internal alkyne functional group
5', Int Biotin (Azide)	5' or internal biotin functional group
5', Int 6-FAM (Azide)	5' or internal 6-FAM functional group
5', Int 5-TAMRA (Azide)	5' or internal 5-TAMRA functional group

DNA MODIFICATIONS FLUROPHORES

Freedom Dyes

Dye	5'	Int	3'	Ex.	Em.	Alternative
6-FAM™ (Fluorescein)	√		√	495	520	N/A
MAX (NHS Ester)	√		√	524	557	JOE (NHS Ester)
TYE™ 563	√		√	549	563	Cy3™
TEX 615	√		√	596	613	Texas Red®-X (NHS Ester)
TYE™ 665	√		√	645	665	Cy5™
TYE 705	√		N/A	686	704	Cy5.5™

Alexa Fluor® Dyes

Dye	5'	Int	3'	Ex.	Em.	Alternative
Alexa Fluor® 488 (NHS Ester)	√		√	492	517	ATTOTM 488 (NHS Ester)
Alexa Fluor® 532 (NHS Ester)	√		√	527	553	N/A
Alexa Fluor® 546 (NHS Ester)	√		√	555	571	N/A
lexa Fluor® 594 (NHS Ester)	√		√	584	616	ATTOTM 590 (NHS Ester)
Alexa Fluor® 647 (NHS Ester)	√		√	650	670	ATTOTM 647N (NHS Ester)
Alexa Fluor® 660 (NHS Ester)	√		√	661	691	N/A
Alexa Fluor® 750 (NHS Ester)	√		√	753	775	N/A

CY™ Dyes

Dye	5'	Int	3'	Ex.	Em.	Alternative
Cy3™	√	√	√	550	564	TYE™ 563
Cy5™	√	√	√	648	668	TYE™ 665
Cy5.5™	√		√	685	706	TYE 705

Fluorescein Dyes

Dye	5'	Int	3'	Ex.	Em.	Alternative
6-FAM™ (Azide)	√	√		496	516	N/A
6-FAM™ (NHS Ester)	√		√	496	516	N/A
Fluorescein dT	√	√	√	495	520	N/A
JOE (NHS Ester)	√		√	529	555	MAX (NHS Ester)
TET™	√			522	539	N/A
HEX™	√			538	555	N/A

LI-COR IRDyes®

Dye	5'	Int	3'	Ex.	Em.	Alternative
5' IRDye® 700	√			684	702	N/A
5' IRDye® 800	√			791	809	N/A
5' IRDye® 800CW (NHS Ester)	√			767	791	N/A

ATTO™ Dyes

Dye	5'	Int	3'	Ex.	Em.	Alternative
ATTO™ 488 (NHS Ester)	√		√	502	522	Alexa Fluor® 488 (NHS Ester)
ATTO™ 532 (NHS Ester)	√		√	534	554	N/A
ATTO™ 550 (NHS Ester)	√		√	560	575	N/A
ATTO™ 565 (NHS Ester)	√		√	570	591	N/A
ATTOTM Rho101 (NHS Ester)	√		√	592	609	ROX™ (NHS Ester)
ATTO™ 590 (NHS Ester)	√		√	602	624	Alexa Fluor® 594 (NHS Ester)
ATTO™ 633 (NHS Ester)	√		√	635	653	N/A
ATTO™ 647N (NHS Ester)	√		√	649	662	Alexa Fluor® 647 (NHS Ester)

IDT recomends purification of certain modifications, please refer to prurifications guide

PRODUCTS

DNA MODIFICATIONS FLUROPHORES

Rhodamine Dyes						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
Rhodamine Green™-X (NHS Ester)	√		√	504	531	N/A
TAMRA™			√	559	583	N/A
TAMRA™ (NHS Ester)	√	√	√	559	583	N/A
Rhodamine Red™-X (NHS Ester)	√		√	574	594	N/A
ROXTM (NHS Ester)	√		√	588	608	ATTO™ Rho101 (NHS Ester)
5-TAMRA™ (Azide)	√	√		546	579	N/A
WellRED Dyes						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
WellRED D4 Dye	√			648	666	N/A
WellRED D3 Dye	√			683	701	N/A
WellRED D2 Dye	√			763	778	N/A
Other						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
Texas Red®-X (NHS Ester)	√		√	598	617	TEX 615
Lightcycler® 640 (NHS Ester)	√		√	620	635	N/A
Dy 750 (NHS Ester)	√			747	776	N/A

Freedom Dyes	Price (Rs)		5'		
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
6-FAM™ (Fluorescein)	5400	6840	13800	28350	56700
MAX (NHS Ester)	7560	9450	13800	42840	85050
TYE™ 563	6120	7680	11520	36540	72450
TEX 615	7200	9000	13800	42840	85050
TYE™ 665	6120	7680	11520	36540	72450
TYE 705	12000	12000	18000	64890	129150
Alexa Fluor® Dyes			5'		
Alexa Fluor® 488 (NHS Ester)	19800	19800	29400		
Alexa Fluor® 532 (NHS Ester)	27000	27000	40200		
Alexa Fluor® 546 (NHS Ester)	27000	27000	40200		
Alexa Fluor® 594 (NHS Ester)	31200	31200	47400		
Alexa Fluor® 647 (NHS Ester)	19800	19800	29400		
Alexa Fluor® 660 (NHS Ester)	31200	31200	63000		
Alexa Fluor® 750 (NHS Ester)	31200	31200	63000		
CY™ Dyes			5'		
Cy3™	7200	9000	13800	42840	85050
Cy5™	7200	9000	13800	42840	85050
Cy5.5™	8640	10440	16220		

IDT recomends purification of certain modifications, please refer to prurifications guide

DNA MODIFICATIONS FLUROPHORES

Fluorescein Dyes	Price (Rs)	5’			
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
6-FAM™ (Azide)	13230	17010	24570	86310	171990
6-FAMTM (NHS Ester)	14490	18270	26460	49770	99540
Fluorescein dT	15930	17850	24780	65520	130410
JOE (NHS Ester)	18000	18000	27200		
TET™	5400	6840	13685	28350	56700
HEX™	5400	8640	13800	28350	56700
LI-COR IRDyes®			5'		
IRDye® 700	9000	11250	17250		
IRDye® 800	9000	11250	17250		
5’IRDye® 800CW (NHS Ester)	26600	26600	37100		
ATTO™ Dyes			5’		
ATTO™ 488 (NHS Ester)	18900	25200	34650		
ATTO™ 532 (NHS Ester)	18900	25200	34650		
ATTO™ 550 (NHS Ester)	18900	25200	34650		
ATTO™ 565 (NHS Ester)	18900	25200	34650		
ATTO™ Rho101 (NHS Ester)	18900	25200	34650		
ATTO™ 590 (NHS Ester)	15750	23940	32130		
ATTO™ 633 (NHS Ester)	18900	25200	34650		
ATTO™ 647N (NHS Ester)	18900	25200	34650		
Rhodamine Dyes			5’		
Rhodamine Green™-X (NHS Ester)	17700	17700	27000		
TAMRA™ (NHS Ester)	9000	11280	18000	64890	129150
Rhodamine Red™-X (NHS Ester)	18000	18000	27000		
ROXTM (NHS Ester)	13800	13800	20400		
5-TAMRA™ (Azide)	15120	18900	28350	99540	198450
WellRED Dyes			5’		
WellRED D4 Dye		23100	34300		
WellRED D3 Dye		23100	34300		
WellRED D2 Dye		23100	34300		
Other			5’		
Texas Red®-X (NHS Ester)	13800	16065	26775		
Lightcycler® 640 (NHS Ester)	34200	34200	51600		
Dy 750 (NHS Ester)	34200	34200	51690		
CY™ Dyes			Int		
Cy3™	14400	18000	27000	85050	170100
Cy5™	14400	18000	27000	85050	170100
Fluorescein Dyes			Int		
Fluorescein dT	15930	17850	24780	65520	130410
6-FAM™ (Azide)	15120	18900	28350	99540	198450

IDT recomends purification of certain modifications, please refer to prurifications guide

DNA MODIFICATIONS FLUROPHORES

Rhodamine Dyes		Price (Rs)	Int		
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
TAMRA™ (NHS Ester)	18000	20400	36000		
5-TAMRA™ (Azide)	17010	21420	32130	112770	224910
Freedom Dyes			**3'**		
6-FAM™ (Fluorescein)	5400	6840	13800	35910	71190
MAX (NHS Ester)	16200	16200	25200		
TYE™ 563	7200	9000	13800	42210	83160
TEX 615	9000	10800	16200	49770	99540
TYE™ 665	7200	9000	13800	42210	83160
Alexa Fluor® Dyes			**3'**		
Alexa Fluor® 488 (NHS Ester)	19800	19800	29400		
Alexa Fluor® 532 (NHS Ester)	27000	27000	40200		
Alexa Fluor® 546 (NHS Ester)	27000	27000	40200		
Alexa Fluor® 594 (NHS Ester)	31200	31200	47400		
Alexa Fluor® 647 (NHS Ester)	19800	19800	29400		
Alexa Fluor® 660 (NHS Ester)	31200	31200	63000		
Alexa Fluor® 750 (NHS Ester)	31200	31200	63000		
CY™ Dyes			**3'**		
Cy3™	8640	10440	16220	49770	99540
Cy5™	8640	10440	16220	49770	99540
Cy5.5™	8640	10440	16220		
Fluorescein Dyes			**3'**		
6-FAM™ (NHS Ester)	14490	18270	26460	49770	99540
Fluorescein dT	23010	23010	32450		
JOE (NHS Ester)	13800	13800	25200		
ATTO™ Dyes			**3'**		
ATTO™ 488 (NHS Ester)	18900	25200	34650		
ATTO™ 532 (NHS Ester)	18900	25200	34650		
ATTO™ 550 (NHS Ester)	18900	25200	34650		
ATTO™ 565 (NHS Ester)	18900	25200	34650		
ATTO™ Rho101 (NHS Ester)	18900	25200	34650		
ATTO™ 590 (NHS Ester)	15750	23940	32130		
ATTO™ 633 (NHS Ester)	18900	25200	34650		
ATTO™ 647N (NHS Ester)	18900	25200	34650		
Rhodamine Dyes			**3'**		
Rhodamine Green™-X (NHS Ester)	17700	17700	27000		
TAMRA™	7680	8925	13685		
TAMRA™ (NHS Ester)	9000	11280	18000		
Rhodamine Red™-X (NHS Ester)	18000	18000	27000		
ROX™ (NHS Ester)		14490	21420		
Other			**3'**		
Texas Red®-X (NHS Ester)	16900	20150	29250		
Lightcycler® 640 (NHS Ester)	34200	34200	51600		

IDT recomends purification of certain modifications, please refer to prurifications guide

CUSTOM RNA

Custom RNA Synthesis	Price (Rs)				
Product	100 nmole	250 nmole	1 µmole	5 µmole	10 µmole
RNA Bases	500/base	784/base	1575/base	4410/base	7840/base
2'-O-Methyl RNA Bases	784/base	1181/base	1750/base	5880/base	10780/base
Chimeric DNA Bases	42/base	83/base	190/base	882/base	1667/base
Antisense					
Phosphorothioate Bonds	350/Bond (Rs)	350/Bond (Rs)	508/Bond (Rs)	2175/Bond (Rs)	3045/Bond (Rs)
5-Methyl dC Bases	4375/1base	5275/1base	7875/1base	13230/1base	26460/1base
Na + Salt Exchange	5775	5775	5775	13218	13218

Large-Scale RNA	Services
RNA, RNA analogs and chimeras are available in quantities up to ten grams. IDT continues the tradition of providing researchers with the highest quality RNA oligo synthesis and offers various services for larger quantities. allow	Target validation and development programs for siRNA, DsiRNA, aptamers, ribozymes, antisense and others • Extensive QC packages tailored to researchers' needs • Sterile-filtered oligo preparations available, endotoxin free • Harmonized protocols simple transfer to our kilo-scale cGMP manufacturing partner

RNA oligos	Length of oligo
100 nmole	10–90
250 nmole	5–90
1 µmole	5–90
5 µmole	5–50
10 µmole	5–50

Please contact us for guranteed yeild.

Visit www.idtdna.com for details.

IDT recomends purification of certain modifications, please refer to prurifications guide

RNA MODIFICATIONS

Phosphorylation	Price (Rs)				
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
5' Phosphorylation	2100	2660	4760	9520	18900
3' Phosphorylation	2660	3220	5320	26600	26580
Attachment Chemistry & Linkers					
OTHERS					
5' Acrydite ™	8400	10500	16100	31500	63000
3'Cholesteryl-TEG	8400	8400	25200	67200	126000
5' I-Linker 1.2	5880	7980	12180	30800	60900
5'Digoxigenin NHS Ester	12180	12180	18900		
3'Digoxigenin NHS Ester	12180	12180	18900		
5' Azide (NHS Ester)	9450	11340	17010	58590	115920
Int Azide (NHS Ester)	13230	17010	25200	88200	175770
AMINO MODIFIERS					
5' Amino Modifier C6	2520	3220	5320	10500	21000
5'Amino Modifier C12	5880	7420	11060	22400	44100
5'Amino Modifer C6dT	13160	16100	23800	47600	94500
Int Amino Modifer C6dT	13160	16100	23800	47600	94500
3' Amino Modifier C6dT	21000	21000	31500	63000	126000
3' Amino Modifier	2520	3240	4560	11280	22800
BIOTINYLATION					
5'Biotin	3600	4750	9000	18900	36000
3'Biotin	5400	6840	10440	26400	52200
5'Biotin dT	16200	16200	25200	62400	124200
Int Biotin dT	16200	16200	25200	62400	124200
3' Biotin dT	16200	16200	25200	62400	124200
5'Biotin -TEG	6480	8160	10800	27600	54000
3'Biotin -TEG	5400	6840	9000	22800	45000
5' Dual Biotin	18000	18000	27000	40800	84500
THIOL MODIFICATIONS					
3'Thiol Modifier C 3 S-S	9000	9000	13800	34200	67800
5' Dithiol	16200	19800	30000	74400	145800
Int Dithiol	16200	19800	30000	74400	145800
3' Dithiol	26400	26400	39600	98900	198900
5' Thiol Modifier C6 S-S	11280	11280	18000	35400	70200
Alkynes					
5' Hexynyl	7560	9450	14490	28350	56700
5' 5-Octadiynyl dU	11340	14490	21420	53550	106470
Int 5-Octadiynyl dU	11340	14490	21420	53550	106470
3' 5-Octadiynyl dU	15120	18270	27090	68040	134820
Quenchers					
5' Iowa Black FQ	6804	8568	13230	32130	64260
3' Iowa Black FQ	6804	8568	13230	32130	64260
5' Iowa Black RQ	6804	8568	13230	32130	64260
5' Iowa Black RQ	6804	8568	13230	32130	64260
3' Dabcyl	7200	9000	13800	35910	71190

IDT recomends purification of certain modifications, please refer to prurifications guide

RNA MODIFICATIONS

Spacers	Price (Rs)				
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
5'C3 Spacers	3600	4560	6726	14490	28350
Int C3 Spacers	3600	4560	6783	14490	28350
3' C3 spacers	3600	4560	6783	14490	28350
5' PC Spacers	12600	15600	23400	60480	120960
Int PC Spacers	12600	15600	23400	60480	120960
3' Hexanediol	3240	4200	5400	14490	28350
5' Spacer 9	3600	4560	6840	14490	28350
Int Spacer 9	3600	4560	6840	14490	28350
3' Spacer 9	5985	6150	9000	18900	37800
5' Spacer 18	4560	5400	8160	17010	34020
Int Spacer 18	4560	5400	8160	17010	34020
3' Spacer 18	7080	7080	10800	22680	45360
5' 1'-2'- Dideoxyribose (dspacer)	7616	9075	13800	28350	56700
Int1'-2'- Dideoxyribose (dspacer)	7680	9000	13800	28350	56700
3' 1'-2'- Dideoxyribose (dspacer)	12600	12600	18000	37500	75600
Modified Bases					
5' 2- Aminopurine	13800	13800	20400	42840	85050
Int 2- Aminopurine	13800	13800	20400	42840	85050
3' 2 Aminopurine	18000	18000	27000	56700	113400
5' 2,6 - Diaminopurine (2-Amino-dA)	16200	16200	25200	65520	130410
Int 2,6 - Diaminopurine (2-Amino-dA)	16200	16200	25200	65520	130284
3' 2,6 - Diaminopurine (2-Amino-dA)	20825	20825	33000	86310	172620
5' 5- Bromo dU	7200	7200	10800	28350	56700
Int 5- Bromo dU	7200	7200	10800	28350	56700
5' Inverted Dideoxy-T	12600	15750	23310	46620	93240
5' Deoxy Uridine	945	1134	1701	2898	5670
Int Deoxy Uridine	945	1134	1701	2898	5670
3' Deoxy Uridine	945	1134	1701	2898	5670
3' Inverted dT	3480	4080	6360	17010	33390
3' Dideoxy -C	9000	11280	17400	45360	90090
5' 5- Methyl dC	4560	5400	8160	17010	34020
Int 5- Methyl dC	4560	5400	8160	17010	34020
3' 5- Methyl dC	4560	5400	8160	22680	45360
5'Deoxy Inosine	945	1134	1701	2898	5670
Int Deoxy Inosine	945	1134	1701	2898	5670
3' Deoxy inosine	945	1134	1701	3654	7182

IDT recomends purification of certain modifications, please refer to prurifications guide

RNA MODIFICATIONS

Locked Nucleic Acids (LNA's)	Price (Rs)				
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
5' 5- Nitroindole	13800	13800	20400	42840	85050
Int 5- Nitroindole	13800	13800	20400	42840	85050
3' 5- Nitroindole	18000	18000	27000	56700	113400
Fluoro Bases					
5' 2' Fluoro C	3000	3000	4200	11340	22050
Int 2' Fluoro C	3000	3000	4200	11340	22050
3' 2' Fluoro C	3600	3600	5400	14490	28980
5' 2' Fluoro U	3000	3000	4200	11340	22050
Int 2' Fluoro U	3000	3000	4200	11340	22050
3' 2' Fluoro U	3600	3600	5400	14490	28980
5' 2' Fluoro A	3000	3000	4200	11340	22050
Int 2' Fluoro A	3000	3000	4200	11340	22050
3' 2' Fluoro A	3600	3600	5400	14490	28980
5' 2' Fluoro G	3000	3000	4200	11340	22050
Int 2' Fluoro G	3000	3000	4200	11340	22050
3' 2' Fluoro G	3600	3600	5400	14490	28980

IDT recomends purification of certain modifications, please refer to prurifications guide

RNA MODIFICATIONS FLUROPHORES

Freedom Dyes						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
6-FAM™ (Fluorescein)	√		√	495	520	N/A
MAX (NHS Ester)	√		√	524	557	JOE (NHS Ester)
TYE™ 563	√		√	549	563	Cy3™
TEX 615	√		√	596	613	Texas Red®-X (NHS Ester)
TYE™ 665	√			645	665	Cy5™
TYE 705	√			686	704	Cy5.5™
CY™ Dyes						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
Cy3™	√	√	√	550	564	TYE™ 563
Cy5™	√	√	√	648	668	TYE™ 665
Cy5.5™	√			685	706	TYE 705
Fluorescein Dyes						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
6-FAM™ (Azide)	√	√		496	516	N/A
6-RAM™ (NHS Ester)	√		√	496	516	N/A
Fluorescein dT	√	√	√	495	520	N/A
JOE (NHS Ester)	√		√	529	555	MAX (NHS Ester)
TET™	√			522	539	N/A
HEX™	√			538	555	N/A
ATTO™ Dyes						
Dye	**5'**	**Int**	**3'**	**Ex.**	**Em.**	**Alternative**
ATTO™ 488 (NHS Ester)	√		√	502	522	Alexa Fluor® 488 (NHS Ester)
ATTO™ 532 (NHS Ester)	√		√	534	554	N/A
ATTO™ 550 (NHS Ester)	√		√	560	575	N/A
ATTO™ 565 (NHS Ester)	√		√	570	591	N/A
ATTO™ Rho101 (NHS Ester)	√		√	592	609	ROX™ (NHS Ester)
ATTO™ 590 (NHS Ester)	√		√	602	624	Alexa Fluor® 594 (NHS Ester)
ATTO™ 633 (NHS Ester)	√		√	635	653	N/A
ATTO™ 647N (NHS Ester)	√		√	649	662	Alexa Fluor® 647 (NHS Ester)

Freedom Dyes	Price (Rs) 5'				
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
6-FAM™ (Fluorescein)	5400	6840	13800		
MAX (NHS Ester)	7560	9450	13800	42840	85050
TYE™ 563	6120	7680	11520	36540	72450
TEX 615	7200	9000	13800	42840	85050
TYETM 665	6120	7680	11520	36540	72450
TYE 705	12000	12000	18000	64890	129150

IDT recomends purification of certain modifications, please refer to prurifications guide

PRODUCTS

RNA MODIFICATIONS FLUROPHORES

CY™ Dyes	Price (Rs)	5’			
Synthesis Scale	**100 nmole**	**250 nmole**	**1 umole**	**5 umole**	**10 umole**
Cy3™	7200	9000	13800	42840	85050
Cy5™	7200	9000	13800	42840	85050
Cy5.5™	8640	10440	16220		
Fluorescein Dyes			5’		
6-FAM™ (Azide)	13230	17010	24570	86310	171990
Fluorescein dT	15930	17850	24780		
TET™	5670	7182	14490	28350	56700
HEX™	5670	7182	14490	28350	56700
JOE (NHS Ester)	18900	18900	28350		
ATTO™ Dyes			5’		
ATTO™ 488 (NHS Ester)	18900	25200	34650		
ATTO™ 532 (NHS Ester)	18900	25200	34650		
ATTO™ 550 (NHS Ester)	18900	25200	34650		
ATTO™ 565 (NHS Ester)	18900	25200	34650		
ATTO™ Rho101 (NHS Ester)	18900	25200	34650		
ATTO™ 590 (NHS Ester)	15750	23940	32130		
ATTO™ 633 (NHS Ester)	18900	25200	34650		
ATTO™ 647N (NHS Ester)	18900	25200	34650		
Fluorescein Dyes			Int		
Fluorescein dT	17010	18900	26460	65520	130410
6-FAM™ (Azide)	15120	18900	28350	99540	198450
CY™ Dyes			Int		
Cy3™	7200	9000	13800	42840	85050
Cy5™	7200	9000	13800	42840	85050
Freedom Dyes			3’		
6-FAM™ (Fluorescein)	5400	6840	13800	35910	71190
MAX (NHS Ester)	17010	17010	26460		
TYE™ 563	7560	9450	N/A	42210	83160
TEX 615	9000	10800	16200	49770	99540
CY™ Dyes			3’		
Cy3™	8640	10440	16220	49770	99540
Cy5™	8640	10440	16220	49770	99540
Fluorescein Dyes			3'		
Fluorescein dT	24570	24570	34650	86310	172620
6-FAM™ (NHS Ester)	14490	18270	26460	49770	99540
JOE (NHS Ester)	14490	14490	26460		

IDT recomends purification of certain modifications, please refer to prurifications guide

RNA MODIFICATIONS FLUROPHORES

ATTO™ Dyes	Price (Rs) 3'				
Synthesis Scale	100 nmole	250 nmole	1 umole	5 umole	10 umole
ATTO™ 488 (NHS Ester)	18900	25200	34650		
ATTO™ 532 (NHS Ester)	18900	25200	34650		
ATTO™ 550 (NHS Ester)	18900	25200	34650		
ATTO™ 565 (NHS Ester)	18900	25200	34650		
ATTO™ Rho101 (NHS Ester)	18900	25200	34650		
ATTO™ 590 (NHS Ester)	15750	23940	32130		
ATTO™ 633 (NHS Ester)	18900	25200	34650		
ATTO™ 647N (NHS Ester)	18900	25200	34650		

IDT recomends purification of certain modifications, please refer to prurifications guide

Dicer-Substrate siRNA Screening Duplexes (DsiRNAs)		
	Affinity-Purified Tube Duplexes (Rs)	Affinity-Purified Plate Duplexes (Rs)
2 nmole	9145/duplex	7220/duplex
10 nmole	13956/duplex	11070/duplex
40 nmole	21657/duplex	N/A

Ideal for small-scale in-vitro applications

Screening DsiRNA

Ideal for small scale in vitro applications, screening DsiRNA duplex pricing includes affinity purification or for more sensitive assays, RNase-Free HPLC Purification is available for an additional charge. In addition, each duplex is identified by ESI mass spectrometry. Mass spectrometry data is provided free on IDT's website Screening DsiRNA sequences must be between 24 and 30 bases and 100% complementary with up to a 3-base overhang

Duplex Guarantee	Tube price (Rs)	Plate Price (Rs)
2 nmole Screening DsiRNA Duplex	10120 / Duplex	8250 / Duplex
10 nmole Screening DsiRNA Duplex	14750 / Duplex	11870 / Duplex
40 nmole Screening DsiRNA Duplex	22450 / Duplex	N/A

TriFECTa™ Kit Contents:	TriFECTaTM
• Three target-specific Dicer-Substrate siRNA duplexes (2 nmoles each) from IDT database • HPRT-S1 DS Positive Control duplex (1 nmole) • DS Scrambled-Neg, universal negative control duplex (1 nmole) • Rnase Free Duplex Buffer (100mM KAc/30 mM HEPES pH 7.5)	The TriFECTa™ kit contains 3 predesigned DsiRNA duplexes, 3 control sequences, and RNase-free duplex buffer to perform RNAi experiments.

The complete TriFECTa™ Kit is INR 43500	
These Products are not for use in humans or Non-human Animals and may not be used for human or Veterinary Diagnostic, Prophylactic or Therapeutic Purposes.	
DsiRNA Validated Control Duplexes and Reagents • A variety of control reagents are needed to perform RNAi experiments. IDT off ers a collection of validated control reagents premade for immediate delivery. • Exogenous reporter gene positive controls • Universal negative controls	Controls include: • Fluorescent transfection effi ciency control duplexes • Endogenous gene positive control duplexes and primers • Internal control primers for qRT-PCR analysis

Validated Control DsiRNA Duplexes and other Control Reagents

A variety of control reagents are needed to perform RNAi experiments. The following collection of validated control reagents are available premade for immediate delivery. Inquire for custom controls for special needs.

Fluorescent Transfection Efficiency Control Duplexes

FUNCTIONAL GENOMICS

A successful RNAi experiment starts with good transfection. It is good practice to optimize transfection conditions for each different cell line studied as well as for each different form of nucleic acid employed (for example, large DNA plasmids often require different transfection conditions than short dsRNA oligos). It may be necessary to empirically test a number of different cationic lipids (or other approaches) to establish a protocol that performs optimally with each cell line employed. Use of a dye-labeled transfection control oligo allows for rapid, easy screening of many reagents in parallel.

When optimizing transfection methods, IDT recommends using dye-labeled oligos at 10 nM (or less); higher concentrations can increase the amount of nonspecific binding which can cause background and falsely elevate the apparent success of transfection.

The following dye-labeled RNA duplexes are available for this purpose:		
Product	**1nm (Rs)**	**5nm (Rs)**
TYE 563™ DS Transfection Control	8260	21000
TEX 613™ DS Transfection Control	8260	21000
Cy3TM ™ Transfection Control	8260	21000

Endogenous Gene Positive Control Duplexes and Primers

Use of dye-labeled control oligos is not sufficient by itself to optimize transfection. It is possible to get seemingly good dye-oligo uptake without delivery of the oligos into the correct cytoplasmic location for functional RNAi. Transfection conditions that "pass" the dye-labeled study should also be tested for functional knockdown using a positive control siRNA. The "HPRT-S1 DS Positive Control" duplex can be used for this purpose. When transfection is "good", these sequences reduce HPRT mRNA levels by >90% at 24 hours when used at 10 nM. Please note that the HPRT control is intended only to develop good transfection methods and is best examined at 24 or 48 hour time points. Knockdown of HPRT can slow cell growth and affect cell viability if incubation extends > 72 hours. Due to sequence similarity, the HPRT-S1 control duplex can be employed in human, mouse, rat, and Chinese hamster (CHO) cells. Other genomes may require customized controls.

Product	**1nm (Rs)**	**5nm (Rs)**
HPRT-S1 DS Positive Control (Human/Mouse/Rat)	6300	16100
HPRT-Bt DS Positive Control (Cow)	6300	16100
HPRT-Bt DS Positive Control (Pig)	6300	16100

IDT recommends studying functional transfection efficiency by examining mRNA levels at 24 hours post transfection. Alternatively, Western blots can be performed at 48-72 hours. Validated primers for SYBR Green qRT-PCR assays are available for the following organisms:

SYBR-Green Q-PCR Primer Sets	**1nm (Rs)**	**5nm (Rs)**
HPRT SYBR-Green primers (Human)	2755	6390
HPRT SYBR-Green primers (Mouse)	2755	6390
HPRT SYBR-Green primers (Rat)	2755	6390
HPRT SYBR-Green primers (Chinese hamster)	2755	6390
HPRT SYBR-Green primers (Cow)	2755	6390
HPRT SYBR-Green primers (Pig)	2755	6390

It is often useful to have cloned gene fragments available to establish quantitative standard curves when performing qRT-PCR. The assay amplicon for each of he above HPRT positive control qRT-PCR reactions has been cloned into pUC12 and sequence verified. Clones are provided as 0.5 ug of purified plasmid DNA.

Cloned Purified Plasmids	Accession #	0.5 µg (Rs)
0.5 µg Human HPRT Cloned qControl	NM_000194	21750
0.5 µg Mouse HPRT Cloned qControl	NM_013556	21750
0.5 µg Rat HPRT Cloned qControl	NM_012583	21750
0.5 µg Ch Hamster HPRT Cloned qControl	J00060	21750
0.5 µg Cow HPRT Cloned qControl	NM_001034035	21750

Internal Control Primers for qRT-PCR Analysis

When qRT-PCR is performed it is necessary to have an internal standard to control for RNA loading. While many different "housekeeping" gene have been used for this purpose (such as ß-Actin, GAPDH, or Cyclophilin), most of these genes show fluctuation in expression levels with different treatments and are not as invariant as is needed for a true internal qRT-PCR control. IDT has developed the following SYBR-Green assays suitable for use an "internal normalization standard" in qRT-PCR analysis (??Ct method):

Product	1nm (Rs)	5nm (Rs)
RPLP0 SYBR-Green primers (Human)	2698	6525
RPL23 SYBR-Green primers (Mouse)	2698	6525
RPL23 SYBR-Green primers (Rat)	2698	6525
RPL23 SYBR-Green primers (Chinese hamster)	2698	6525
RPLP0 SYBR-Green primers (Cow)	2698	6525
RPLP0 SYBR-Green primers (Pig)	2698	6525

It is often useful to have cloned gene fragments available to establish quantitative standard curves when performing qRT-PCR. The assay amplicon for each of the above internal control qRT-PCR reactions has been cloned into pUC12 and sequence verified. Clones are provided as 0.5 ug of purified plasmid DNA

Cloned Purified Plasmids	Accession #	0.5 µg (Rs)
0.5 µg Human RPLP0 Cloned qControl	NM_001002	21750
0.5 µg Mouse RPL23 Cloned qControl	NM_022891	21750
0.5 µg Rat RPL23 Cloned qControl	NM_001007599	21750
0.5 µg Ch. Hamster RPL23 Cloned qControl	Not Assigned	21750
0.5 µg Cow RPLP0 Cloned qControl	NM_001012682	21750

Exogenous Reporter Gene Positive Controls

Reporter genes can be used both as positive controls and as negative controls and so are very useful reagents. If your cell line expresses the reporter either stably or via co-transfection of an expression plasmid, the anti-EGFP or anti-FLuc DsiRNAs can function as a positive control. If your cell line does not express these reporter genes, then the anti-EGFP or anti-FLuc DsiRNAs can function as negative controls. Importantly, these DsiRNAs are validated, functional duplexes with known efficient RISC loading and so offer an added level of "control" that non-targeting sequences cannot offer. Note that these duplexes target standard enhanced green fluorescent protein (EGFP) or firefly luciferase (FLuc) and not newer, codon optimized variants (for example, FLuc-S1 will target the firefly luciferase gene in pGL2 and pGL3 but not pGL4 vectors).

Product	1nm (Rs)	5nm (Rs)
EGFP-S1 DS Positive Control	6390	16300
FLuc-S1 DS Positive Control	6390	16330
RLuc-S1 DS Positive Control	6390	16330

Universal Negative Control

A negative control duplex has been developed which does not target any sequence in the human, mouse, or rat transcriptomes. It can be employed as a "universal negative control" for DsiRNA transfections. This is a non-targeting sequence. The EGFP and FLuc DsiRNAs may also be used as negative controls if functional, targeting duplexes are desired (see above).

Product	1nm (Rs)	5nm (Rs)
EGFP-S1 DS Positive Control	6390	16300
FLuc-S1 DS Positive Control	6390	16330
RLuc-S1 DS Positive Control	6390	16330

Visit www.idtdna.com for a map of the plasmid clones in PDF format

Product Configuration

ddRNAi				
ddRNAi	Purification	Guaranteed Yield	Tube Price (Rs)	Plate Price (Rs)
4-nmole ddRNAi Oligo	Standard Desalt	4 nmoles	85/base	43/base

Product	1 nmole (Rs)	5 nmole (Rs)
5' M.R.S. (multiple restriction site) Linker	15313	52063
3' Cloning Linkers	15313	52063

3-Pack - 3 Linker Types - 1 nmole each, Rs. 39373/-

miRNA Starfire®	IDT offers multiple miRNA products for researchers:
• Complete kit for 25 labeling reactions • Linkers are provided lyophilized and ready for use in cloning • Universal template • Custom probe synthesis • Refi II kit	• Internal RNA control oligos 454 Adapter primer sets • miRFire™ products for generating radiolabeled oligo probes • to identify small RNAs and analyze miRNA gene expression

Visit www.idtdna.com for a complete line of miRFire
products for generating radiolabeled oligo probes.

miRFire Nucleic Acid Labeling System

miRNA StarFire® is a proprietary labeling system for generating radiolabeled oligo probes with 10-fold greater specific activity than traditional 5'-end labeling with polynucleotide kinase. It is based on 3'-end labeling with DNA polymerase. This labeling method is particulary useful for probes to identify small regulatory RNA and analyze the expression of microRNA genes. 1-3 For more information, please see our tech bulletin by clicking here.

miRNA StarFire® Complete Kit	miRNA StarFire® Universal Template	miRNA StarFire® Refill Kit
Rs. 21,000	**Rs. 37100**	**Rs. 16500**
Includes: Exo-Klenow DNA Polymerase StarFire® 10X Buffer Mix StarFire® Stop Buffer One PAGE-purified StarFire® ¬ ¬Custom Probe (up to 50 bases) StarFire® Universal Template	Sufficient for 300 labeling reactions 0.5 OD (in single tube) HPLC Purified HPLC Purified Quality Control checked by mass spectrometry and CE	Sufficient for 25 labeling reactions Exo-Klenow DNA Polymerase StarFire® 10X Buffer Mix StarFire® Stop Buffer StarFire® Universal Template

miRCat™

Product	Price (Rs)	
miRCat Small RNA Cloning Kit Small, RNA cloning kit to identify small RNAs in any species in any tissue	77000	
miRCat-33 Conversion Oligo Pack	1 nmole (Rs)	5 nmoles (Rs)
	18900	52063

Click to www.idtdna.com for more information on IDT's full line of Functional Genomics Products

PRIME TIME™ products for Gene Expressions & Genotyping Assay

PRODUCTS

PrimeTime® qPCR Primers

• The same primer pairs found in the PrimeTime qPCR Assays, mixed and delivered in a single tube. These primer sets are ideal for use with SYBR Green, EvaGreen, and other intercalating dyes, where no probe is needed

Description	Pricing
Pre-designed PrimeTime qPCR Primers for SYBR assays	5,400/- per pair of primers

PrimeTime® qPCR Probes

- Dual-labeled probes are available with a wide variety of dyes and quenchers.
- Express probes are ready for shipment in a single working day.
- Ultra-small-scale Mini Probes allow you to try out a new probe or screen the expression levels of many genes.
- Choose ZEN Double-Quenched Probes for superior performance compared to traditional dual-labeled probes.

PrimeTime™ qPCR

PrimeTime qPCR Assays are offered in three different sizes to meet any qPCR experimental need. In addition, for the Standard and XL sizes, selection of dye-quencher combination and primer to probe ratio can be specified to meet unique experimental demands.

Assays consist of a forward primer, a reverse primer, and a dual-labeled probe all delivered in a single tube. Each Assay is made to order with estimated shipping in 2 to 4 days from order receipt. Each oligo undergoes 100% QC by mass spectrometry and all QC results are provided free of charge to the customer on the IDT website.

Dye	100 nmole (Rs)	250 nmole (Rs)	1 umole (Rs)		
	Reactions (20μL)	Price (Rs)	Price (Rs)	Probe	Primers
	(FAM-Iowa Black FQ)	(other dye-quencher[1] combinations)	(nmoles)[2]	(nmoles)[2]	(nmoles)[2]
PrimeTime™ MiniqPCR Assay	100	10000	NA	0.5	1.0
PrimeTime™ Standard qPCR Assay	500	16300	19900	2.5	2.5-10
PrimeTime™ XL qPCR Assay	2500	42250	47850	12.5	12.5-50

1 See table below for available dye quencher combinations

2 The primer to probe ratio may be specified by the customer except for the PrimeTime Mini.

Available Dye and Quencher Combinations for PrimeTime qPCR Assays

5' Dye	3' Quencher	Mini	Standard	XL
FAM	Iowa Black FQ	•	•	•
FAM	TAMRA		•	•
HEX	Iowa Black FQ		•	•
TET	Iowa Black FQ		•	•
Cy5	IowaBlack RQ		•	•

PrimeTime® qPCR Assays

- Primers and probe mixed and delivered in a single tube.
- Use the ordering tools for guaranteed performance.
- Select from 5 quencher combinations and 3 reactions scales.
- Choose ZEN Double-Quenched Probes in your Assay for superior performance compared to traditional dual-labeled probes.
- PrimeTime® qPCR Plates
- Use the online design tool to create your own master plate; just cut, copy, paste, and fill in as you would with Excel
- Select from predesigned assays for human, mouse, or rat; or simply enter your own primer and probes sequences manually. Order assays with different dye–quencher combinations in the same plate.
- All that is required is a minimum order of 24 assays or primer pairs per plate. Generate your own replicate plates for lower cost per reaction.

PRIMETIME™ DUAL-LABELED DNA PROBES

Reporter: 5' 6-FAM™

PrimeTime™ Dual-labeled DNA Probes

PrimeTime Dual-labeled DNA probes are licensed for use in the 5 Prime Nuclease Real-Time PCR assay (with companion dye and quencher licenses).

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	25 nmole	0,5 nmoles	6750
	100 nmole	10 nmoles	17940
	250 nmole	25 nmoles	24840
	1 μmole	50 nmoles	37800
3' Black Hole Quencher® 1	100 nmole	10 nmoles	21000
	250 nmole	25 nmoles	30450
	1 μmole	50 nmoles	44100
3' Black Hole Quencher® 2	100 nmole	10 nmoles	21000
	250 nmole	25 nmoles	30450
	1 μmole	50 nmoles	45675
3' TAMRA-Sp	100 nmole	10 nmoles	22050
	250 nmole	25 nmoles	31080
	1 μmole	50 nmoles	46620
3' TAMRA NHS Ester-Sp	250 nmole	8 nmoles	44730
	1 μmole	20 nmoles	60900

Reporter : 5' MAX 550

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	100 nmole	2 nmoles	24650
	250 nmole	8 nmoles	28000
	1 μmole	20 nmoles	50400
3' Black Hole Quencher® 1	100 nmole	2 nmoles	32900
	250 nmole	8 nmoles	38500
	1 μmole	20 nmoles	57400
3' Black Hole Quencher® 2	100 nmole	2 nmoles	32900
	250 nmole	8 nmoles	39875
	1 μmole	20 nmoles	58220

Reporter : 5' HEX™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	100 nmole	10 nmoles	23200
	250 nmole	25 nmoles	32635
	1 μmole	50 nmoles	49300
3' Black Hole Quencher® 1	100 nmole	10 nmoles	26825
	250 nmole	25 nmoles	38425
	1 μmole	50 nmoles	56550
3' Black Hole Quencher® 2	100 nmole	10 nmoles	26825
	250 nmole	25 nmoles	38425
	1 μmole	50 nmoles	56550

PRIMETIME™ DUAL-LABELED DNA PROBES

Reporter: 5' TET™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	100 nmole	10 nmoles	23200
	250 nmole	25 nmoles	31500
	1 μmole	50 nmoles	47600
3' Black Hole Quencher® 1	100 nmole	10 nmoles	26825
	250 nmole	25 nmoles	38425
	1 μmole	50 nmoles	56550
3' Black Hole Quencher® 2	100 nmole	10 nmoles	26825
	250 nmole	25 nmoles	38425
	1 μmole	50 nmoles	56550

Reporter: 5' Cy3™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	100 nmole	2 nmoles	24650
	250 nmole	8 nmoles	29000
	1 μmole	20 nmoles	48300
3' Black Hole Quencher® 2	100 nmole	2 nmoles	34075
	250 nmole	8 nmoles	39875
	1 μmole	20 nmoles	57400

Reporter: 5' Cy5™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	100 nmole	2 nmoles	24650
	250 nmole	8 nmoles	29000
	1 μmole	20 nmoles	52200
3' Black Hole Quencher® 2	100 nmole	2 nmoles	34075
	250 nmole	8 nmoles	39875
	1 μmole	20 nmoles	59450

PRIMETIME™ DUAL-LABELED DNA PROBES

Reporter: 5' TEX™ 615

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	100 nmole	2 nmoles	24650
	250 nmole	8 nmoles	29000
	1 µmole	20 nmoles	52200
3' Black Hole Quencher® 2	100 nmole	2 nmoles	34075
	250 nmole	8 nmoles	39875
	1 µmole	20 nmoles	59450

Reporter: 5' JOE NHS Ester

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	250 nmole	8 nmoles	37700
	1 µmole	20 nmoles	56550
3' Black Hole Quencher® 1	250 nmole	8 nmoles	45675
	1 µmole	20 nmoles	68875
3' Black Hole Quencher® 2	250 nmole	8 nmoles	45675
	1 µmole	20 nmoles	68875

Reporter: 5' ROX NHS Ester

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole	8 nmoles	37700
	1 µmole	20 nmoles	56550
3' Black Hole Quencher® 2	250 nmole	8 nmoles	45675
	1 µmole	20 nmoles	68875

Reporter: 5' TAMRA™ NHS Ester

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole	8 nmoles	37700
	1 µmole	20 nmoles	56550
3' Black Hole Quencher® 2	250 nmole	8 nmoles	45675
	1 µmole	20 nmoles	68875

Reporter: 5' Texas Red®-X NHS Ester

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole	8 nmoles	37700
	1 µmole	20 nmoles	56550
3' Black Hole Quencher® 2	250 nmole	8 nmoles	45675
	1 µmole	20 nmoles	68875

Reporter: 5' TYE™ 563

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	100 nmole	2 nmoles	24650
	250 nmole	8 nmoles	29000
	1 µmole	20 nmoles	52200
3' Black Hole Quencher® 2	100 nmole	2 nmoles	34075
	250 nmole	8 nmoles	39875
	1 µmole	20 nmoles	59450

PRIMETIME™ DUAL-LABELED DNA PROBES

Reporter: 5' TYE™ 665

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	100 nmole	2 nmoles	24650
	250 nmole	8 nmoles	29000
	1 μmole	20 nmoles	52500
3' Black Hole Quencher® 2	100 nmole	2 nmoles	34075
	250 nmole	8 nmoles	39875
	1 μmole	20 nmoles	59450

DUAL-LABELED LNA PROBES

Dual-Labeled LNA Probes

Locked Nucleic Acids (LNAs) can be incorporated into dual-labeled probes.1,2,3 Since LNA bases significantly increase Tm, LNA dual-labeled probes (DLPs) are shorter than standard DNA DLPs. Shorter probes have better quenching, a higher signal-to-noise ratio and are therefore more sensitive. More importantly, these probes offer an improved ability to distinguish mutations or single nucleotide polymorphisms (SNPs). A DNA DLP typically has a Tm of ~5°C between perfect match and mismatch hybridization. An LNA DLP can have a Tm of > 15°C, greatly increasing accuracy of allele determination in real time PCR or other methods that use differential hybridization to distinguish polymorphism.

Depending on sequence context, insertion of an LNA base into a DNA oligo can increase the Tm by 3-6°C. IDT recommends 6 LNA bases be placed in an LNA DLP. LNA bases should be placed at the SNP site and adjacent bases. The SNP should be positioned in the center of the probe if possible. Additional LNA bases can be added towards the 3'-end of the probe to adjust Tm as needed. Note that relative binding affinity (Tm) of LNA bases are LNA: LNA > LNA:DNA > DNA>DNA. It is important to examine the probe sequence for self-dimer and hairpin formation and minimize designs that allow for LNA:LNA pairing.

Prices below include synthesis of the custom oligo (up to 25 bases in length), up to 6 LNA base insertions, reporter, quencher and HPLC Purification. Nanomole yields are listed for Dual-labeled LNA Probes 10 to 30 bases in length. Turnaround time for Dual-labeled LNA Probes is 4-6 business days.

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	250 nmole 1 μmole	8 nmoles 20 nmoles	44850 63900
3' Black Hole Quencher® 1	250 nmole 1 μmole	8 nmoles 20 nmoles	50400 70000

Reporter: 5' Cy3™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole 1 μmole	4 nmoles 10 nmoles	50400 50400
3' Black Hole Quencher® 2	250 nmole 1 μmole	4 nmoles 10 nmoles	55300 56000

Reporter: 5' Cy5™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole 1 μmole	4 nmoles 10 nmoles	65100 71400
3' Black Hole Quencher® 2	250 nmole 1 μmole	4 nmoles 10 nmoles	56700 79100

Reporter: 5' TEX™ 615

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole 1 μmole	4 nmoles 10 nmoles	51100 51100
3' Black Hole Quencher® 2	250 nmole 1 μmole	4 nmoles 10 nmoles	60750 96050

Reporter: 5' TYE™ 563

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole 1 μmole	4 nmoles 10 nmoles	49000 69300
3' Black Hole Quencher® 2	250 nmole 1 μmole	4 nmoles 10 nmoles	54600 76300

DUAL-LABELED LNA PROBES

Reporter: 5' TYE™ 665

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole	4 nmoles	49000
	1 μmole	10 nmoles	69300
3' Black Hole Quencher® 2	250 nmole	4 nmoles	54600
	1 μmole	10 nmoles	76300

Reporter: 5' HEX™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	250 nmole	8 nmoles	47600
	1 μmole	20 nmoles	65800
3' Black Hole Quencher® 1	250 nmole	8 nmoles	52500
	1 μmole	20 nmoles	72800

References

1. Evaluation of the performance of LNA and MGB probes in 5'-nuclease assays. Letertre, C., Perelle, S., Dilasser, F., Arar, K., and Fach, P. Molecular and Cellular Probes, 17:307-311 (2003).
2. Real-time genotyping with oligonucleotide probes containing locked nucleic acids. Ugozzoli, L.A., Latorra. D., Pucket, R., Arar, K., and Hamby, K. Analytical Biochemistry, 324:143-152 (2004)
3. Locked nucleic acid (LNA) single nucleotide polymorphism (SNP) genotype analysis and validation using real-time PCR. Johnson, M.P., Haupt, L.M., and Griffiths, L.R. Nucleic Acids Res., 32:e55 (2004).

FLUORESCENCE - BASED APPLICATIOS

Molecular Beacons

Molecular Beacons are a special class of dual-labeled probes having self-complementary ends that form a stem-loop structure (hairpin) in their native state. The hairpin forces the reporter and quencher into contact (dark). Upon hybridization to target, reporter and quencher are separated and the Molecular Beacon becomes bright. Because the hairpins in these probes result in enhanced specificity for their targets, Molecular Beacons are often better able to discriminate single nucleotide polymorphisms (SNPs) than simple linear probes.

Prices below include synthesis of a custom oligo (up to 45 bases in length), reporter, quencher, and HPLC purification.

Reporter: 5' 6-FAM™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	250 nmole	10 nmoles	42700
	1 μmole	40 nmoles	63000
3' Black Hole Quencher® 1	250 nmole	10 nmoles	49700
3' Dabcyl	1 μmole	40 nmoles	72800
	250 nmole	10 nmoles	46200
	1 μmole	40 nmoles	67200

Reporter: 5' HEX™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	250 nmole	10 nmoles	50400
	1 μmole	40 nmoles	72800

Reporter: 5' TET™

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® FQ	250 nmole	10 nmoles	52500
	1 μmole	40 nmoles	83300

Reporter: 5' TYE™ 563

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole	5 nmoles	54600
	1 μmole	20 nmoles	79800

Reporter: 5' TYE™ 665

Quencher	Synthesis Scale	Minimum Guarantee	Price (Rs)
3' Iowa Black® RQ-Sp	250 nmole	5 nmoles	55300
	1 μmole	20 nmoles	81900

References

1. Thermodynamic basis of the enhanced specificity of structured DNA probes. Bonnet et al. Proc Natl Acad Sci USA 96: 6171-6176 (1999

xGen™ Lockdown™ Probes beta

Scale (Yield/Probe)	Price per Probe	Minimum Order
Mini (2 pmole)	Inquire for Pricing	200 probes
Standard (20 pmole)	Inquire for Pricing	96 probes
XL (200 pmole)	Inquire for Pricing	96 probes

- Probes are individually assessed by mass spectrometry for QC
- All probes contain a 5' biotin modification
- Maximum of 2000 probes per pool

xGen Blocking Oligos Common Sets

Next generation sequencing platform adapter sequences are ligated to all library fragments, both on-target and off-target, before enrichment. These adapter sequences can hybridize with each other during enrichment, creating a "daisy-chain" effect in which off-target fragments are captured along with on-target fragments.

xGen™ Blocking Oligos bind to platform adapter sequences on a designated strand (usually the inverse of the synthetic adapter), preventing non-specific binding. HPLC purification of your blocking oligos can improve binding to adapter sequences. Introducing end-terminating modifications, such as a 3' C3 spacer, helps to inhibit spurious amplification of blocking oligos. Finally, when multiplexing large numbers of samples (>24 indexes), replacing the index sequence with mixed ("N") bases or deoxyinosine can provide significant cost savings and, in some situations, improved performance.

Product	Pricing	Length
10 nmole xGen™ Blocking Oligo	Inquire for Pricing	20 - 75 Bases
25 nmole xGen™ Blocking Oligo	Inquire for Pricing	20 - 75 Bases

GS FLX Titanium Rapid Library MID Adaptor Oligos

Titanium Rapid Library MID Oligos are intended for shotgun sequencing; the MIDs are included in order to multiplex different samples on a single sequencing run.

GS FLX Titanium Rapid Library MID Adaptors Extended List

The GS FLX Titanium Rapid Library MID Adaptors Extended List includes a set of Adaptors that can be substituted for the Adaptors of the GS FLX Titanium Rapid Library Preparation Kit for the preparation of DNA libraries for sequencing on the Genome Sequencer FLX System. Tagging multiple libraries with different MIDs allows them to be amplified and sequenced together in a single region of the PicoTiterPlate device. For customers that need more MIDs than the twelve supplied by 454 in the GS FLX Titanium Rapid Library MID Adaptors Kit, this Extended List provides additional sequences that have been optimized for MID applications

Each MID sequence contains at least 4 changes (insertion, deletion, or substitution) to make it unique from the other members of the Extended MID Set. This means that, for any of these MIDs, it is possible to either detect up to 2 errors and correct 1 error, or alternatively, detect 3 errors and correct none.

The Extended Set MIDs are sorted according to the number of reagent flows needed to sequence each, with a lower number indicating fewer flows. As a result, the lower numbered entries of the Extended Set MIDs are preferable to the higher numbered Adaptors because they can be sequenced using fewer reagent flows thereby maximizing the number of remaining flows for sequencing the library fragment.

Nuclease-free Buffers and Reagents

While many researchers continue to store oligonucleotides in water, resuspension in a buffered solution such as TE is recommended. DNA oligonucleotides can be damaged by prolonged incubation or storage in even mildly acidic solutions; DNA dissolved in distilled water will often have a final pH < 5.0 and is at risk for depurination. RNA will degrade in alkaline conditions. Further, single-stranded nucleic acids can easily be degraded by trace contamination with a variety of nucleases that are common contaminants in a normal laboratory environment. Any solution used to resuspend and store DNA or RNA should be nuclease-free. It is recommended that stock oligo solutions be made at high concentration and stored frozen. More dilute working solutions can be made from the stocks at intervals as needed.

The following solutions are for resuspension and dilution of oligos. Solutions are guaranteed to be nuclease- free. Each lot is tested using our RNaseAlertTM and DNaseAlertTM reagents to document the absence of any detectable nuclease activity. Water is DEPC-Free. Individual lots are screened for endotoxins using a Limulis Abocyte Lysate (LAL) assay.

IDTE (10 mM Tris, pH 7.5 or 8.0, 0.1 mM EDTA)

A 1x TE buffer for initial resuspension and storage of DNA oligos

Description	Price (Rs)
1 Liter IDTE pH 7.5 (1X TE Solution)	4450
1 Liter IDTE pH 8.0 (1X TE Solution)	4450
10 x 2 ml IDTE pH 7.5 (1X TE Solution)	2600
10 x 2 ml IDTE pH 8.0 (1X TE Solution)	2600
300 ml IDTE pH 7.5 (1X TE Solution)	2600
300 ml IDTE pH 8.0 (1X TE Solution)	2600
4 x 1 Liter IDTE pH 7.5 (1X TE Solution)	13500
4 x 1 Liter IDTE pH 8.0 (1X TE Solution)	13500

Nuclease Decontamination Solution

Many RNases and DNases are naturally found in the environment. Further, a variety of nucleases are employed in routine molecular biology methods and can accidmage to projects that require manipulations of intact RNA samples, such as functional genomics experiments, real-time quentally contaminate lab surfaces at very high levels. In particular, RNases can be very difficult to eliminate and can cause daantitative PCR, microarrays, etc.

Nuclease Decontamination Solution irreversibly inactivates nucleases and can be applied to most lab surfaces to remove nuclease contamination. Just spray, rinse and let dry. Nuclease Decontamination Solution eliminates the need to bake glassware and can be applied to plastic surfaces which are difficult to sterilize.

Nuclease Decontamination Solution

Description	Price (Rs)
250 mL Nuclease Decontamination Solution	5200
6 x 250 mL Nuclease Decontamination Solution	24000

Duplex Buffer (30 mM Hepes, pH 7.5, 100 mM Potassium Acetate)

For initial resuspension, annealing and storage of duplex RNAi products.

Description	Price (Rs)
1 Liter Nuclease Free Water	4000
10 x 2ml Nuclease Free Water	2300
300 ml Nuclease Free Water	2000
4 x 1 Liter Nuclease Free Water	13000

BUFFER, WATER AND MARKERS

Nuclease-free Water (DEPC-Free)

For initial resuspension and storage of single-stranded RNA oligos. Also suitable for making dilute working solutions from stock oligos.

Description	Price (Rs)
10 x 2 ml Nuclease Free Duplex Buffer	2600
300 ml Nuclease Free Duplex Buffer	2600
1 Liter Nuclease Free Duplex Buffer	6000
4 x 1 Liter Nuclease Free Duplex Buffer	13500

Oligo length standards

Two oligonucleotide formulations for use as size/mass standards are available. Marker oligos have balanced base content, are purified and provided in equal mass amounts (10 μg of each oligo per tube) to normalize band intensity. (Note that the 10-mer binds dyes poorly and may appear more faint than the other bands.) Each tube contains enough marker for 25-100 loadings, depending on gel configuration and stain employed. Recommended loading mass varies with the precise stain used and dimensions of gel comb. For 1mm x 4-6mm comb dimensions, 0.1-0.2 μg/lane is recommended if using SybrGold TM stain (Molecular Probes). 0.2-0.4 μg/lane is recommended if using GelStar TM (Cambrex). For non-fluorescent stains such as Stains-All TM (Sigma-Aldrich), use 0.3-0.4 μg/lane. Ethidium Bromide staining works poorly with single-stranded nucleic acid and is not recommended.

10/60 Ladder

10, 15, 20, 25, 30, 40, 50 , 60 base marker oligos

20/100 Ladder

20, 30, 40, 50, 60, 70, 80, 90, 100 base marker oligos

Description	Price (Rs)
10/60 Ladder	11000
20/100 Ladder	11000

Resuspension and Use Guidelines

Resuspend the lyophilized oligo mixture in 100 μl of TE buffer (10 mM Tris pH 7.5, 0.1 mM EDTA) to obtain a concentration of 0.1 μg/μl (of each oligo). Mix the desired amount of marker solution (1-4 μl) with an equal volume of a formamide or urea-based loading buffer. Heat samples at 95°C for 3 minutes, cool on ice, load

RNaseAlert™ Substrate and Nuclease Detection System

Single-stranded RNases are ubiquitous, hard to eliminate and can rapidly degrade important samples used in microarray studies, real-time PCR, Northern blots or cDNA cloning. IDT has developed reagents that allow for rapid, sensitive detection of RNases and DNases (click here for DNaseAlert™). These reagents are fluorescence-quenched oligonucleotide probes that emit a fluorescent signal only after nuclease degradation. The assay can be read visually or measured and quantified using fluorometry. Assays can be used qualitatively to test lab reagents, equipment and supplies for nuclease contamination. Assays can also be used quantitatively to study enzyme kinetics.

The RNaseAlert™ substrate employs a FAM™ (fluorescein) reporter (Em 520 nm) and a dark quencher. The RNA sequence has been carefully optimized to react with a wide variety of ribonucleases. Intact, the substrate has little or no fluorescence. When cleaved by an RNase, the substrate fluoresces green (490 nm or UV excitation, 520 nm emission).

RNaseAlert™ is available in single-use tubes which are ideal for rapid hand-held visual assays at the research bench, or as bulk substrate which can be used in either visual assays or read in a fluorometer. RNaseAlert™ is also available as a kit that provides 25 single-use tubes of the RNaseAlert™ Substrate. The kit also includes a buffer optimized for detection of a wide variety of RNases, nuclease free water, RNase A (for use as a positive control), and 50 ml of Nuclease Decontamination Solution (to clean lab surfaces found to have nuclease contamination).

RNaseAlert™ Kit Components:

25 50 pmole Fluorescent Substrate tubes
250 µl RNaseAlertTM Buffer
2 ml Nuclease-Free water
50 µl RNase A
50 ml Nuclease Decontamination Solution
Kit quality guaranteed for six months from date received when stored at -20°C

Description	Price (Rs)
RNaseAlert™ Substrate - 2 bulk tubes	40658
RNaseAlert™ Kit	18000

DNaseAlert™ Substrate and Nuclease Detection System

Nucleases are widely present in the laboratory environment and can interfere with many experiments. IDT has developed reagents that allow for rapid, sensitive detection of RNases and DNases. These reagents are fluorescence-quenched oligonucleotide probes that emit a fluorescent signal only after nuclease degradation. The assay can be read visually or measured and quantified using fluorometry. Assays can be used qualitatively to test lab reagents, equipment and supplies for nuclease contamination. Assays can also be used quantitatively to study enzyme kinetics.

The DNaseAlert™ Substrate is a synthetic DNA oligonucleotide that has a HEXTM reporter dye (hexachlorofluorescein) on one end and a dark quencher on the other end. The DNA sequence has been carefully optimized to react with a wide variety of nucleases; it contains domains that will react with single-stranded endonucleases, certain single-stranded exonucleases, and double-stranded nucleases. Intact the substrate has little or no fluorescence. When cleaved by a DNase, the substrate fluoresces pink (536 nm or UV excitation, 556 nm emission) and can be detected visually or using a fluorometer.

DNaseAlert™ is available in single-use tubes which are ideal for rapid hand-held visual assays at the research bench, or as bulk substrate which can be used in either visual assays or read in a fluorometer. DNaseAlert™ is also available as a kit that provides 25 single-use tubes of the DNaseAlert™ Substrate. The kit also includes a buffer optimized for detection of a wide variety of DNases, nuclease-free water, DNase 1 Enzyme (for use as a positive control), and 50 ml of Nuclease Decontamination Solution (to clean lab surfaces found to have nuclease contamination).

DNaseAlert™ Kit Components:

25 50 pmole Fluorescent Substrate tubes
250 µl DNaseAlertTM Buffer
2 ml Nuclease-Free water
25 µl 2U/ml DNase 1 Enzyme
50 ml Nuclease Decontamination Solution
Kit quality guaranteed for six months from date received when stored at -20°C.

DNaseAlert™ Substrate and Nuclease Detection System

Description	Price (Rs)
DNaseAlert™ Kit	15000
DNaseAlert™ Substrate - 2 bulk tubes	33670

READY MADE PRIMERS AND PRODUCTS

ReadyMade Primers™

The Highest Quality

Each primer is > 95% pure to insure optimum performance

Identity is confirmed by Mass Spectrometry

Purity is established by Capillary Electrophoresis

10 μg of purified product

Enough for 100 sequencing reactions

ReadyMade Primer™ Name	Sequence	TM	Anhyd. Mol. Wgt.	pmoles10 10μgs	Price (Rs)
16S rRNA For	AGA GTT TGA TCC TGG CTC AG	55.2	6148	1626.7	1600
16S rRNA Rev	ACG GCT ACC TTG TTA CGA CTT	57.4	6372.2	1569.4	1600
3' RACE PCR	GGC CAC GCG TCG ACT AGT AC	60.6	6103	1638.5	1600
Anchored Oligo dT (20)	TTT TTT TTT TTT TTT TTT TV	39.2	6028.3	1658.7	1600
Anchored Oligo dT (22)	TTT TTT TTT TTT TTT TTT TTV N	42.8	6641.4	1505.7	1600
BGH Reverse	TAG AAG GCA CAG TCG AGG	54	5597.7	1786.4	1600
Bluescript KS	TCG AGG TCG ACG GTA TC	53.3	5226.4	1913.4	1600
Bluescript SK	CGC TCT AGA ACT AGT GGA TC	52.4	6117	1634.8	1600
cDNA Cloning Primer	GGC CAC GCG TCG ACT AGT ACT TTT TTT TTT TTT TTT TV	64.8	11584.9	863.1	1600
EGFP-C	CAT GGT CCT GCT GGA GTT CGT G	61.2	6773.4	1476.3	1600
EGFP-N	CGT CGC CGT CCA GCT CGA CCA G	67.2	6657.3	1502.1	1600
G3PDH For	ACC ACA GTC CAT GCC ATC AC	58.6	5991	1669.3	1600
G3PDH Rev	TCC ACC ACC CTG TTG CTG TA	59.7	6003.9	1665.7	1600
IL-2 Exon 3 For (7329)	CTA GGC CAC AGA ATT GAA AGA TCT	56.3	7369.9	1357	1600
IL-2 Exon 3 Rev (7652)	GTA GGT GGA AAT TCT AGC ATC ATC C	56.8	7681	1301.9	1600
M13 Forward (-20)	GTA AAA CGA CGG CCA GT	53	5228.5	1912.6	1600
M13 Forward (-41)	CGC CAG GGT TTT CCC AGT CAC GAC	65.5	7289.8	1371.7	1600
M13 Reverse (-27)	CAG GAA ACA GCT ATG AC	47.3	5212.5	1918.3	1600
M13 Reverse (-48)	AGC GGA TAA CAA TTT CAC ACA GG	57.2	7065.7	1415.2	1600
Neomycin For	CTT GGG TGG AGA GGC TAT TC	55.6	6204.1	1612	1600
Neomycin Rev	AGG TGA GAT GAC AGG AGA TC	54	6255.1	1598.7	1600
Oligo dT, 15mer	TTT TTT TTT TTT TTT	29.7	4501	2221.7	1600
Oligo dT, 16mer	TTT TTT TTT TTT TTT T	32.1	4805.2	2081	1600
Oligo dT, 18mer	TTT TTT TTT TTT TTT TTT	36	5413.6	1847.3	1600
Oligo dT, 20mer	TTT TTT TTT TTT TTT TTT TT	39.1	6022	1660.6	1600
Oligo dT, 20mer w/ 5'Phos	/5Phos/TTT TTT TTT TTT TTT TTT TT	39.1	6101.9	1638.8	1600
PCMV Forward	CGC AAA TGG GCG GTA GGC GTG	64.8	6552.3	1526.2	1600
pET 3'	CTA GTT ATT GCT CAG CGG	50.6	5505.6	1816.2	1600
pET 5' (T7)	TAA TAC GAC TCA CTA TAG G	45.3	5795.8	1725.3	1600
pET Upstream	ATG CGT CCG GCG TAG A	56.7	4922.2	2031.4	1600
pGEX 3'	CCG GGA GCT GCA TGT GTC AGA GG	65.2	7145.7	1399.3	1600
pGEX 5'	GGG CTG GCA AGC CAC GTT TGG TG	67	7136.6	1401.1	1600

READY MADE PRIMERS AND PRODUCTS

ReadyMade Primer™	Sequence	TM	Anhyd. Mol. Wgt.	pmoles 10µgs	Price (Rs)
Name					
16S rRNA For	AGA GTT TGA TCC TGG CTC AG	55.2	6148	1626.7	1600
16S rRNA Rev	ACG GCT ACC TTG TTA CGA CTT	57.4	6372.2	1569.4	1600
3' RACE PCR	GGC CAC GCG TCG ACT AGT AC	60.6	6103	1638.5	1600
Anchored Oligo dT (20)	TTT TTT TTT TTT TTT TTT TV	39.2	6028.3	1658.7	1600
Anchored Oligo dT (22)	TTT TTT TTT TTT TTT TTT TTV N	42.8	6641.4	1505.7	1600
BGH Reverse	TAG AAG GCA CAG TCG AGG	54	5597.7	1786.4	1600
Bluescript KS	TCG AGG TCG ACG GTA TC	53.3	5226.4	1913.4	1600
Bluescript SK	CGC TCT AGA ACT AGT GGA TC	52.4	6117	1634.8	1600

ReadyMade™ Randomers

Randomers are oligonucleotides composed of all possible sequences for a given length. The use of randomers began in the early 1980s when random hexamers were employed in radio labeling DNA probes1,2. A later application was the use of random sequence primers to detect Random Amplified Polymorphisms (RAPDs)3,4.

Today, random sequence oligonucleotides are being used to detect Single Nucleotide Polymorphisms (SNPs) as well as small scale chromosome events, primarily insertions or deletions5,6. Comparative Genomic Hybridization (CGH) has been developed to elucidate genome-wide sequence copy-number variation (CNV) between different genomes, such as the differential amplification or deletion of genetic regions between tumor DNA and normal DNA from neighboring unaffected tissue7-10. These applications demand that the oligonucleotides have consistent base composition and minimal lot-to lot variation.

IDT Randomers are made using an N-base phosphoramidite mixture that is carefully prepared in bulk to ensure that equal base representation is achieved. The batch is then tested by making test randomer oligos and checking actual base composition by enzymatic degradation and HPLC.

ReadyMade Random Hexamers

Description	Price (Rs)
10 nm 5' Biotinylated Random Hexamer	2940
10 nm Random Hexamer	2660
50 nm 5' Biotinylated Random Hexamer	11900
50 nm Random Hexamer	10500
500 nm 5' Biotinylated Random Hexamer	92400
500 nm Random Hexamer	81900
ReadyMade Random Nonamers	
Description	**Price (Rs)**
10 nm 5' Cy3 Random Nonamer	5040
10 nm 5' Cy5 Random Nonamer	5040
10 nm 5' TYE 563 Random Nonamer	4620
10 nm 5' TYE 665 Random Nonamer	4620
50 nm 5' Cy3 Random Nonamer	16100
50 nm 5' Cy5 Random Nonamer	16100
50 nm 5' TYE 563 Random Nonamer	14280
50 nm 5' TYE 665 Random Nonamer	14280
500 nm 5' Cy3 Random Nonamer	92400
500 nm 5' Cy5 Random Nonamer	92400

READY MADE PRIMERS AND PRODUCTS

ReadyMade Random Hexamers

Description	Price (Rs)
500 nm 5' TYE 665 Random Nonamer	84000

ReadyMade Randomers Nonamer Matched Sets for CGH

Description	Price (Rs)
10 nm 5' Cy3 & 5' Cy5 Random Nonamer Set	8960
10 nm 5' TYE 563 & 5' TYE 665 Random Nonamer Set	8260
50 nm 5' Cy3 & 5' Cy5 Random Nonamer Set	29400
50 nm 5' TYE 563 & 5' TYE 665 Random Nonamer Set	25900
500 nm 5' Cy3 & 5' Cy5 Random Nonamer Set	165900
500 nm 5' TYE 563 & 5' TYE 665 Random Nonamer Set	149800

Aminoacyl-Adenylate Analogs

Aminoacyl adenylate analogs (5'-O-[N-(L-aminoacyl)sulfamoyl]adenosines) function as potent inhibitors of the aminoacyl-tRNA synthetase enzymes. tRNA synthetases play vital roles in translation as they are responsible for transferring the correct amino acid to their corresponding tRNA. Analogs of the aminoacyl intermediates have been used in structural and mechanistic studies of the enzymes, uncovering their evolutionary history, and determining the extent of amino acid discrimination exhibited by each synthetase.

More recently, t-RNA synthetases have emerged as a potential platform for the development of new antibiotics that specifically target these enzymes as a way to inhibit bacterial growth. Modified aminoacyl adenosine analogs are also being used to evolve tRNA synthetases that can be used to incorporate modified amino acids into proteins, which are valuable for investigating structure-activity relationships or developing modified peptide based therapeutics. t-RNA synthetases from humans have also been found to possess cytokine activity and play a role in the regulation of angiogenesis

Aminoacyl-Adenylate Analogs

Description	Price (Rs)	Description	Price (Rs)
10 mg Alanyl Analogue	35000	50 mg Arginyl Analogue	210000
10 mg Arginyl Analogue	35000	50 mg Asparaginyl Analogue	168750
10 mg Asparaginyl Analogue	44100	50 mg Aspartyl Analogue	135000
10 mg Aspartyl Analogue	35000	50 mg Cysteinyl Analogue	210000
10 mg Cysteinyl Analogue	52500	50 mg Glutaminyl Analogue	432000
10 mg Glutaminyl Analogue	112000	50 mg Glutamyl Analogue	135000
10 mg Glutamyl Analogue	35000	50 mg Glycyl Analogue	154000
10 mg Glycyl Analogue	38500	50 mg Histidyl Analogue	210000
10 mg Histidyl Analogue	52500	50 mg Isoleucyl Analogue	135000
10 mg Isoleucyl Analogue	35000	50 mg Leucyl Analogue	135000
10 mg Leucyl Analogue	35000	50 mg Lysyl Analogue	210000
10 mg Lysyl Analogue	52500	50 mg Methionyl Analogue	210000
10 mg Methionyl Analogue	52500	50 mg Phenylalanyl Analogue	135000
10 mg Phenylalanyl Analogue	35000	50 mg Prolyl Analogue	135000
10 mg Prolyl Analogue	35000	50 mg Seryl Analogue	168750
10 mg Seryl Analogue	44100	50 mg Threonyl Analogue	175000
10 mg Threonyl Analogue	44100	50 mg Tryptophanyl Analogue	448000
10 mg Tryptophanyl Analogue	112000	50 mg Tyrosyl Analogue	175000
10 mg Tyrosyl Analogue	44100	50 mg Valyl Analogue	135000
10 mg Valyl Analogue	35000		

PRODUCTS

PURIFICATION GUIDE FOR MODIFIED OLIGOS

Name		Purification Recommendations	Allow PAGE
/32FA/	3' 2'-Fluoro A	Requires HPLC Purification	
/32FC/	3' 2'-Fluoro C	Requires HPLC Purification	
/32FG/	3' 2'-Fluoro G	Requires HPLC Purification	
/32FU/	3' 2'-Fluoro U	Requires HPLC Purification	
/3AmdA/	3' 2, 6-Diaminopurine	Requires HPLC Purification	
/32AmPu/	3' 2-Aminopurine		
/3Me-dC/	3' 5-Me dC		√
/35NitInd/	3' 5-Nitroindole		√
/35OctdU/	3' 5-Octadiynyl dU		√
/36-FAM/	3' 6-FAMTM		
/3AlexF488N/	3' Alexa Fluor® 488 (NHS Ester)	Requires HPLC Purification	
/3AlexF532N/	3' Alexa Fluor® 532 (NHS Ester)	Requires HPLC Purification	
/3AlexF546N/	3' Alexa Fluor® 546 (NHS Ester)	Requires HPLC Purification	
/3AlexF594N/	3' Alexa Fluor® 594 (NHS Ester)	Requires HPLC Purification	
/3AlexF647N/	3' Alexa Fluor® 647 (NHS Ester)	Requires HPLC Purification	
/3AlexF660N/	3' Alexa Fluor® 660 (NHS Ester)	Requires HPLC Purification	
/3AlexF750N/	3' Alexa Fluor® 750 (NHS Ester)	Requires HPLC Purification	
/3AmMO/	3' Amino Modifier		
/3AmMC6T/	3' Amino Modifier C6 dT		
/3AzideN/	3' Azide (NHS Ester)	Requires HPLC Purification	
/3Bio/	3' Biotin		
/3BiodT/	3' Biotin dT	Requires HPLC Purification	
/3BioTEG/	3' Biotin-TEG		
/3BHQ_1/	3' Black Hole Quencher® 1	Requires HPLC Purification	
/3BHQ_2/	3' Black Hole Quencher® 2	Requires HPLC Purification	
/3SpC3/	3' C3 Spacer		√
/3CholTEG/	3' Cholesterol-TEG	Requires HPLC Purification	
/3Cy3Sp/	3' Cy3TM-Sp	Requires HPLC Purification	
/3Cy55Sp/	3' Cy5.5TM-Sp	Requires HPLC Purification	
/3Cy5Sp/	3' Cy5TM-Sp	Requires HPLC Purification	
/3Dab/	3' Dabcyl	Requires HPLC Purification	
/3deoxyI/	3' deoxyInosine		√
/3deoxyU/	3' deoxyUridine		√
/3ddC/	3' Dideoxy-C		√
/3Dig_N/	3' Digoxigenin (NHS Ester)	Requires HPLC Purification	
/3DTPA/	3' Dithiol	Requires HPLC Purification	
/3dSp/	3' dSpacer		√
/3FluorT/	3' Fluorescein dT	Requires HPLC Purification	
/3C6/	3' Hexanediol		
/3InvdT/	3' Inverted dT		√
/3IABkFQ/	3' Iowa Black® FQ	Requires HPLC Purification	
/3IAbRQSp/	3' Iowa Black® RQ-Sp	Requires HPLC Purification	

PURIFICATION GUIDE FOR MODIFIED OLIGOS

/3Joe_N/	3' JOE (NHS Ester)	Requires HPLC Purification	
/3LtCy640N/	3' LightCycler® 640 (NHS Ester)		
/3MAX_N/	3' MAX (NHS Ester)	Requires HPLC Purification	
3Phos/	3' Phosphorylation		√
/3RhodGn-XN/	3' Rhodamine Green™ -X (NHS Ester)	Requires HPLC Purification	
/3RhodRd-XN/	3' RhodamineRed™ -X (NHS Ester)	Requires HPLC Purification	
/3Sp18/	3' Spacer 18		√
/3Sp9/	3' Spacer 9		√
/36-TAMTSp/	3' TAMRA (NHS Ester)-Sp	Requires HPLC Purification	
/36-TAMSp/	3' TAMRA™-Sp	Requires HPLC Purification	
/3TEX615/	3' TEX 615	Requires HPLC Purification	
/3TxRed-XN/	3' Texas Red®-X (NHS Ester)	Requires HPLC Purification	
/3ThioMC3-D/	3' Thiol Modifier C3 S-S		
/3TYE563/	3' TYE™ 563	Requires HPLC Purification	
/3TYE665/	3' TYE™ 665	Requires HPLC Purification	
/52FA/	5' 2'-Fluoro A	Requires HPLC Purification	
Name		**Purification Recommendations**	**Allow PAGE**
/52FC/	5' 2'-Fluoro C	Requires HPLC Purification	
/52FG/	5' 2'-Fluoro G	Requires HPLC Purification	
/52FU/	5' 2'-Fluoro U	Requires HPLC Purification	
/5AmdA/	5' 2, 6-Diaminopurine	Requires HPLC Purification	
/52AmPr/	5' 2-Aminopurine		
/55Br-dU/	5' 5-Bromo dU	Requires HPLC Purification	
/5Me-dC/	5' 5-Methyl dC		√
/55NitInd/	5' 5-Nitroindole		√
/55OctdU/	5' 5-Octadiynyl dU		√
/55-TAMK/	5' 5-TAMRATM (Azide)	Requires HPLC Purification	
/56-FAM/	5' 6-FAMTM		
/56-FAMK/	5' 6-FAMTM (Azide)	Requires HPLC Purification	
/5Acryd/	5' AcryditeTM		
/5Alex488N/	5' Alexa Fluor® 488 (NHS Ester)	Requires HPLC Purification	
/5Alex532N/	5' Alexa Fluor® 532 (NHS Ester)	Requires HPLC Purification	
/5Alex546N/	5' Alexa Fluor® 546 (NHS Ester)	Requires HPLC Purification	
/5Alex594N/	5' Alexa Fluor® 594 (NHS Ester)	Requires HPLC Purification	
/5Alex647N/	5' Alexa Fluor® 647 (NHS Ester)	Requires HPLC Purification	
/5Alex660N/	5' Alexa Fluor® 660 (NHS Ester)	Requires HPLC Purification	
/5Alex750N/	5' Alexa Fluor® 750 (NHS Ester)	Requires HPLC Purification	
/5AmMC12/	5' Amino Modifier C12		
/5AmMC6/	5' Amino Modifier C6		
/5AmMC6T/	5' Amino Modifier C6 dT		
/5AzideN/	5' Azide (NHS Ester)	Requires HPLC Purification	
/5Biosg/	5' Biotin		
/5BioK/	5' Biotin (Azide)	Requires HPLC Purification	
/5BiodT/	5' Biotin dT	Requires HPLC Purification	
/5BioTEG/	5' Biotin-TEG	Requires HPLC Purification	
/5SpC3/	5' C3 Spacer		

PURIFICATION GUIDE FOR MODIFIED OLIGOS

/5Cy3/	5' Cy3™	Requires HPLC Purification	
/5Cy55/	5' Cy5.5™	Requires HPLC Purification	
/5Cy5/	5' Cy5™	Requires HPLC Purification	
/5deoxyI/	5' deoxyInosine		√
/5deoxyU/	5' deoxyUridine		√
/5DigN/	5' Digoxigenin (NHS Ester)	Requires HPLC Purification	
/5DTPA/	5' Dithiol	Requires HPLC Purification	
/5dSp/	5' dSpacer		√
/52-Bio/	5' Dual Biotin	Requires HPLC Purification	
/5Dy750N/	5' Dy 750 (NHS Ester)	Requires HPLC Purification	
/5FluorT/	5' Fluorescein dT	Requires HPLC Purification	
/5HEX/	5' HEX™		
/5Hexynyl/	5' Hexynyl		√
/5ILink12/	5' I-Linker 1.2		
/5IAbFQ/	5' Iowa Black® FQ	Requires HPLC Purification	
/5IAbRQ/	5' Iowa Black® RQ	Requires HPLC Purification	
/5IRD700/	5' IRDye® 700	Requires HPLC Purification	
/5IRD800/	5' IRDye® 800	Requires HPLC Purification	
/5IRD800CWN/	5' IRDye® 800CW (NHS Ester)	Requires HPLC Purification	
/5Me-isodC/	5' isodC	Requires HPLC Purification	
/5isodG/	5' isodG	Requires HPLC Purification	
/56-JOEN/	5' JOE (NHS Ester)	Requires HPLC Purification	
/5LtC640N/	5' LightCycler 640 (NHS Ester)	Requires HPLC Purification	
/5MAXN/	5' MAX (NHS Ester)	Requires HPLC Purification	
/5PCBio/	5' PC Biotin	Requires HPLC Purification	
/5SpPC/	5' PC Spacer	Requires HPLC Purification	
/5Phos/	5' Phosphorylation		√
/5RhoG-XN/	5' Rhodamine Green™ -X (NHS Ester)	Requires HPLC Purification	
/5RhoR-XN/	5' RhodamineRed™ -X (NHS Ester)	Requires HPLC Purification	
/56-ROXN/	5' ROXTM (NHS Ester)	Requires HPLC Purification	
/5Sp18/	5' Spacer 18		√
/5Sp9/	5' Spacer 9		√
Name		**Purification Recommendations**	**Allow PAGE**
/56-TAMN/	5' TAMRA™ (NHS Ester)	Requires HPLC Purification	
/5TET/	5' TET™		
/5TEX615/	5' TEX 615	Requires HPLC Purification	
/5TexRd-XN/	5' Texas Red®-X (NHS Ester)	Requires HPLC Purification	
/5ThioMC6-D/	5' Thiol Modifier C6 S-S		
/5TYE563/	5' TYE™ 563	Requires HPLC Purification	
/5TYE665/	5' TYE™ 665	Requires HPLC Purification	
/5TYE705/	5' TYE™ 705	Requires HPLC Purification	
/5UniAmM/	5' Uni-Link™ Amino Modifier		
/i2FA/	Int 2'-Fluoro A	Requires HPLC Purification	
/i2FC/	Int 2'-Fluoro C	Requires HPLC Purification	
/i2FG/	Int 2'-Fluoro G	Requires HPLC Purification	

PURIFICATION GUIDE FOR MODIFIED OLIGOS

Mixed Bases Definition

Mixed bases, which are also known as degenerate or wobble bases, can be introduced at any position in an oligomer sequence. For example, mixed base composition at a single position can include all 4 bases ("N"), C or T bases ("Y"), A or G bases ("R"), etc. Since there are 11 different possible combinations of 2,3 or 4 bases, a universal nomenclature has been established that must be used when specifying nucleic acid content as a mixed base site.

IUB Codes :	
R	A,G
Y	C,T
M	A,C
K	G,T
S	C,G
W	A,T
H	A,C,T
B	C,G,T
V	A,C,T
D	A,G,T
N	A,C,G,T

ABOUT IDT

The source for custom oligo synthesis

Integrated DNA Technologies (IDT) is the largest supplier of custom nucleic acids, manufacturing DNA and RNA oligos and serving the areas of academic research, biotechnology, and pharmaceutical development. IDT products support applications including DNA sequencing, DNA amplification, expression profi ling, microarray analysis, SNP detection, gene quantification, and functional genomics. IDT is unique in its ability to accommodate even the largest orders without compromising quality.

IDT's development has been guided by an uncompromising approach to quality, a belief in the value of good service and a determination to minimize consumer costs. IDT serves its worldwide customer base from facilities in Coralville, Iowa; San Diego, California and Leuven, Belgium. IDT's Iowa and California locations are both ISO 9001:2000 certifi ed and its Clinical and Commercial Manufacturing suite achieved ISO 13485:2003 certifi cation.

IDT prides itself on quality

- All oligos quantitated twice by UV Spectrophotometry
- All oligos are QC tested by mass spectrometry
- IDT employs MALDI MS for high-throughput QC of oligos 10-45 bases
- Advanced ESI MS QC is used for modifi ed and long oligos up to 135 bases
- A proprietary LC-MS electrospray method is used to provide accurate mass assessment up to 200 bases
- All purifi ed oligos are analyzed by capillary electrophoresis or HPLC
- Each oligo is provided with a spec sheet that lists the sequence name, sequence, modifi cations, purifi cation, molecular weight, GC content, Tm, extinction coeffi cient, secondary structure calculations, OD260, milligram and nanomole yield
- Custom analytical services are available

IDT World Headquarters, Coralville, IA USA

The IDT Advantage

- **Quality guaranteed**

If any oligo does not meet IDT's strict quality standards, it will be re-synthesized at no charge and notifi cation provided directly.

- **Convenient ordering**

Sophisticated, confi dential online ordering with several secure payment methods.

- **Automated order confi rmation system**

Order and shipment confi rmations are sent automatically via email. Detailed information on each order's progress is available online.

- **Extended Customer Care**

See www.idtdna.com for information on how to contact IDT's professional Customer Care and Technical Support representatives.

- **Experienced technical support**

IDT's staff includes Ph.D-level experts in synthetic chemistry, oligo design, sequencing, PCR, RNAi, gene synthesis and related research applications.

- **Free online design and analysis tools**

Go to www.idtdna.com to access IDT's extensive suite of free online design and analysis tools including PrimerQuest, RNAi and miRNA design, Tm analysis and a resuspension calculator.

- **Online account features**

Track shipments, access QC documents and invoices, view order history information and reorder products easily.

- **Ordering in India :** Place your orders online at idt.primers@avantormaterials.com.

2013-14
INR PRICE LIST

WesternBright™ ECL

Sensitive HRP substrate for
chemiluminescent Western blots
imaged using film

advansta

Cat No.	Item Name & Description	Package	M.R.P. (₹) 2013-14
Chemiluminescent Western			
K-12045-C20	**WesternBright ECL- HRP Substrate for X-ray Film** 20ml trial kit- contains substrate for 200cm2 membrane	1 kit	3,291
K-12045-D20	**WesternBright ECL- HRP Substrate for X-ray Film** 200ml kit- contains substrate for 2000cm2 membrane	1 kit	19,092
K-12045-D50	**WesternBright ECL- HRP Substrate for X-ray Film** 500ml kit- contains substrate for 5000cm2 membrane	1 kit	35,550
K-12049-D50	**WesternBright ECL Spray-HRP Substrate for X-ray Film** 500ml kit- contains substrate for 5000cm2 membrane	1 kit	35,550
K-12042-C20	**WesternBright Quantum- HRP Substrate for CCD** 20ml trial kit- contains substrate for 200cm2 membrane	1 Kit	8,139
K-12042-D10	**WesternBright Quantum- HRP Substrate for CCD** 100ml kit- contains substrate for 1000cm2 membrane	1 Kit	29,326
K-12042-D20	**WesternBright Quantum- HRP Substrate for CCD** 200ml kit- contains substrate for 2000cm2 membrane	1 Kit	46,922
K-12043-C20	**WesternBright Sirius- femotogram HRP Substrate** 20ml kit- contains substrate for 200cm2 membrane	1 Kit	8,379
K-12043-D10	**WesternBright Sirius- femtogram HRP Substrate** 100ml kit- contains substrate for 1000cm2 membrane	1 Kit	34,713
K-12043-D20	**WesternBright Sirius- femtogram HRP Substrate** 200ml kit- contains substrate for 2000cm2 membrane	1 Kit	58,054
R-03024-D50	**AdvanWash- 500ml** Immunoblot Washing Solution 10x concentrate	1 ea	16,159
Fluorescent Western			
K-12021-010	**WesternBright MCF- Fluorescent Western Blot Kit** kit contains material for 10 Western Blots	1 kit	28,728
K-08001-001	**Fluorescent Western Calibration Blot** 3 protein fluorescent (Green, Red, Blue channel) WB for imaging instrument calberation	1 ea	44,289
L-07001-010	**Background Quenching Sheets** Proprietary material for Fluorescent gels and WB to reduce auto fluorescence	10 sheets	5,865
L-08001-010	**Low Fluorescence Western Membrane-PVDF** Pre-cut PVDF membrane (9x7 cm- mini vertical gels)	10 sheets	8,977
R-03023-D20	**AdvanBlock-PF- 200ml** Protein-free Blocking Solution (5x concentrate) for Fluorescent Immunoblots	1 ea	19,152

Cat No.	Item Name & Description	Package	M.R.P. (₹) 2013-14
R-03024-D50	**AdvanWash- 500ml** Immunoblot Washing Solution 10x concentrate	1 ea	16,159
Membranes/Transfer Filter Paper for Western Blotting			
L-08001-010	**Low Fluorescence Western Membrane (PVDF)** Pre-cut PVDF membrane (9x7 cm- mini vertical gels)	10 sheets	8,977
L-08002-010	**Nitrocellulose Transfer Membrae- 0.45 um** Pre-cut membrane (8x10 cm- mini vertica gels- ideal for larger proteinsl	10 sheets	6,942
L-08003-010	**Nitrocellulose Transfer Membrae- 0.22 um** Pre-cut membrane (8x10 cm- mini vertical gels- ideal for smaller proteins	10 sheets	6,942
L-08012-010	**Low Fluorescence Western Membrane (PVDF)** Pre-cut PVDF membrane (10x15 cm- vertical gels)	10 sheets	29,176
L-08014-010	**Low Fluorescence Western Membrane (PVDF)** Pre-cut PVDF membrane (13x18 cm- vertical gels)	10 sheets	36,309
L-07045-050	**Blotting Paper for Western Blotting** Pre-cut blotting paper for Western blot transfer (7x9 cm- vertical gels)	60 sheets	5,057
L-07046-050	**Blotting Paper for Western Blotting** Pre-cut blotting paperfor western blotting transfer (8x10 cm- vertical gels)	60 sheets	5,057
Buffers and Solutions			
R-01038-020	**Avant Buffer Pouches- PBS** each packet makes 500ml of 1x solution	20/pack	5,865
R-01039-020	**Avant Buffer Pouches-TBS** each packet makes 500ml of 1x solution	20/pack	5,865
R-01037-020	**Avant Buffer Pouches-Tris-Glycine PAGE running Buffer** each packet makes 500ml of 1x solution	20/pack	5,865
R-01036-020	**Avant Buffer Pouches-SDS Tris-Glycine PAGE running Buffer** each packet makes 500ml of 1x solution	20/pack	5,865
R-03023-D20	**AdvanBlock-PF- 200ml** Protein-free Blocking Solution (5x concentrate) for Fluorescent Immunoblots	1 ea	19,152
R-03024-D50	**AdvanWash-FL- 500ml** Immunoblot Washing Solution 10x concentrate	1 ea	16,159
Protein Removal			
K-01001-010	**RapidClean Protein Removal kit-10 rxns** slurry blue beads and spin filter	1 kit	17,356

Cat No.	Item Name & Description	Package	M.R.P. (₹) 2013-14
K-01001-025	**RapidClean Protein Removal kit-25 rxns** slurry blue beads and spin filter	1 kit	35,311
R-14011-250	**RapidClean- 250ul** Slurry blue beads add 1/10 sample volume	1 ea	7,780
R-14011-B10	**RapidClean- 1ml** Slurry blue beads add 1/10 sample volume	1 ea	22,743
SDS-PAGE Sample Preperation			
K-02101-010	**Afyon SDS-PAGE Sample Preperation Kit** Kit contains reagents and columns for 10 protein clean-up	1 Kit	17,356
K-02101-025	**Afyon SDS-PAGE Sample Preperation kit** Kit contains reagents and columns for 25 protein clean-up	1 kit	35,311
Fluorescent Labeled Anti-Species Secondary Antibody Conjugates			
R-05051-050	**APC-Goat-Anti Rrabbit IgG Antibody- 50ul** APC conjugated secodary fluorescent antibody	1 ea	6,583
R-05051-250	**APC-Goat-Anti-Rabbit IgG Antibody- 250ul** APC conjugated secodary fluorescent antibody	1 ea	22,144
R-05052-050	**RPE-Goat-Anti-Mouse IgG Antibody- 50ul** RPE conjugated secodary fluorescent antibody	1 ea	6,583
R-05052-250	**RPE-Goat-Anti-Mouse IgG Antibody- 250ul** RPE conjugated secodary fluorescent antibody	1 ea	22,144
Fluorescent Streptavidin Conjugates			
R-05011-050	**AdvanFluor APC-Streptavidin Conjugate- 50ug** APC conjugated streptavidin for protein detection	1 ea	11,371
R-05011-200	**AdvanFluor APC-Streptavidin Conjugate- 200ug** APC conjugated streptavidin for protein detection	1 ea	32,917
R-05012-050	**AdvanFluor BPE-Streptavidin Conjugate- 50ug** BPEconjugated streptavidin for protein detection	1 ea	13,167
R-05012-200	**AdvanFluor BPE-Streptavidin Conjugate- 200ug** BPE conjugated streptavidin for protein detection	1 ea	34,114
HRP Labeled Anti-Species Secondary Antibody Conjugates			
R-05072-500	**Goat-anti-rabbit HRP secondary antibody- 500ul** HRP conjugated secodary antibody for chemi Westerns	1 ea	11,371
R-05071-500	**Goat-anti-mouse HRP seconday antibody- 500ul** HRP conjugated secodary antibody for chemi Westerns	1 ea	11,371
X-Ray Film for Chemiluminescence			
L-07014-100	**LucentBlue X-ray Film- 8x10 inches** optimized blue x-ray film for chemiluminescence	100/pack	17,715

Cat No.	Item Name & Description	Package	M.R.P. (₹) 2013-14
L-07013-100	**LucentBlue X-ray Film- 5x7 inches** optimized blue x-ray film for chemiluminescence	100/ pack	14,004
Incubation Trays for Staining and Washing Gels and Membranes			
L-07031-005	**Incubation Tray- 7x5 cm** for staining and washing gels and membranes	5/pack	4,548
L-07032-005	**Incubation Tray- 9x6 cm** for staining and washing gels and membranes	5/pack	5,266
L-07033-005	**Incubation Tray- 11x9 cm-** for staining and washing gels and membranes	5/pack	5,865
Protein Sample Loading Buffers			
R-03018-B10	**Non-reducing protein sample loading buffer (2X)** ready to use laemmli loading buffer	1 ml	1,675
R-03018-B50	**Non-reducing protein sample loading buffer (2X)** ready to use laemmli loading buffer	5 ml	5,625
R-03019-B10	**Reducing protein sample loading buffer (2X)** ready to use laemmli loading buffer	1 ml	2,274
R-03019-B50	**Reducing protein sample loading buffer (2X)** ready to use laemmli loading buffer	5 ml	8,019
Protein Gel Stain			
K-11072-B50	**Advanstain Scarlet Kit (sufficient for staining 20 minigels)** Fluorescent total protein stain for 1D and 2D gels	5 ml	20,229
K-11072-C25	**Advanstain Scarlet Kit (sufficient for staining 100 minigels)** Fluorescent total protein stain for 1D and 2D gels	25 ml	83,191
Pre-Cast Protein Gels			
L-20007-010	**Advantage 7.5% Gels- 8cm x 10cm** pre-cast polyacrylamide gel, 10well	10 gels	11,970
L-20010-010	**Advantage 10% Gels- 8cm x 10cm** pre-cast polyacrylamide gel, 10well	10 gels	11,970
L-20012-010	**Advantage 12% Gels- 8cm x 10cm** pre-cast polyacrylamide gel, 10well	10 gels	11,970
L-20415-010	**Advantage 4-15% Gels- 8cm x 10cm** pre-cast polyacrylamide gel, 10well	10 gels	11,970
L-20420-010	**Advantage 4-20% Gels- 8cm x 10cm** pre-cast polyacrylamide gel, 10well	10 gels	11,970

TERMS & CONDITIONS OF SALE

LIFE SCIENCE GROUP AT AVANTOR PERFORMANCE MATERIALS INDIA LIMITED

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A. PRICES

The prices in this price list are the maximum retail prices in Indian Rupees applicable at the time of issue of this price list and are effective from 1st April 2013 till 31st march 2014 or as specifically agreed against any rate contract with any government institutes/ organizations.

B. TAXES

For the Prices indicated in Indian Rupees in Avantor's price list please note that VAT / sales tax, octroi and all other government levies and charges, whether existing or in the future, will be charged additionally to the Customers as per the laws in force from time to time. Customers who are eligible for the CST and LST exemption must submit the Concessional Form along with each order. All road permit/authorizations should be provided along with the order. Any taxes applicable would be charged extra as applicable.

C. PRODUCT USAGE & COMPLIANCES

All Products mentioned in the price list are meant purely for research purpose only and Avantor does not accept any responsibility if they are used for medicinal or for pharmaceutical applications or for any other purposes.

D. DELIVERY

Terms of Delivery will be in accordance with the terms of rate contract or purchase order for each transaction.

E. PAYMENT

All Indian Rupees payment of invoice shall be made by the customer within the time period and in accordance with the manner as agreed with between Avantor and the customer in the name of Avantor Performance Materials India Limited.

F. REPLACEMENT

Replacement owing to dissatisfaction of the product arising out of the product defect would be replaced promptly by AVANTOR subject to sole discretion of the Technical approval of manufacturer of the product against a written request from the Customer. Such replacement will be free of cost to the Customer and any discrepancy on the use of the ordered product should be brought to Avantor's notice within 15 days of the receipt of the product.

G. INTELLECTUAL PROPERTY RIGHTS

Avantor makes no representation that the goods supplied by it do not violate any third-party industrial or intellectual property rights. The customer agrees to notify us without delay if it receives complaints about any such violations

H. CONFLICT

In the event of any conflict between this General Terms and Condition of Sale and specific agreement, if any, entered into between Avantor and a customer, the terms of such specific agreement shall prevail.

I. ARBITRATION, GOVERNING LAW AND JURISDICTION

Any dispute arising out of this General Terms and Condition of Sale shall be settled though arbitration under the Arbitration and Conciliations Act, 1996 by a sole arbitrator appointed by Avantor. The venue of such arbitration shall be at New Delhi. This General Terms and Condition of Sale shall be governed in accordance with Indian Laws and shall be subject to the exclusive jurisdiction of the courts in New Delhi.

J. ORDER DETAILS

Name of the Beneficiary for INR orders

For PROMEGA & ADVANSTA

Avantor Performance Materials India Limited

Plot No.: 28 & 29, Krishna Industrial Estate, Vanagaram, Mettukuppam, (Behind Porur Garden), PORUR, Chennai-600095
Ph.: +91-44-24766740, 24767134
email:info.lifesciences@avantormaterials.com

For IDT

Avantor Performance Materials India Limited

1201-1206,12th Floor, Pinnacle Business Tower, Shooting Range Road, Surajkund, Faridabad-121009 (India)
Ph.: +91-129-4267000,
Fax: +91-129-4267199
email: idt.primers@avantormaterials.com

NORTH REGIONAL OFFICE

Avantor Performance Materials India Limited

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Fax: +91-129-4267199

EAST REGIONAL OFFICE (KOLKATA)

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WEST REGIONAL OFFICE (MUMBAI)

Avantor Performance Materials India Limited

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Fax: +91-22-61388188

Avantor Performance Materials India Limited

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Avantor Performance Materials India Limited

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Avantor Performance Materials India Limited

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Ph.: +91-44-24766740, 24767134

Notes

Notes

AVANTOR™
PERFORMANCE MATERIALS

Avantor Performance Materials India Limited
Formerly known as RFCL Limited
1201-1206, 12th Floor, Pinnacle Business Tower,
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Fax: +91-129-4267299, 4267199
Web: www.avantormaterials.com

PLEASE SEND YOUR QUERIES:
For PROMEGA & ADVANSTA at: info.lifesciences@avantormaterials.com
For IDT at: idt.primers@avantormaterials.com