

Mastermix

POLARIS™ qPCR & Probe



Real Time PCR Applications

For cDNA or DNA template amplifications only





Catalog #	Product description	Size	Price
R2220	POLARIS qPCR Mastermix (2X), SYBR® Green I, with High and Low Rox, Nuclease Free Water HotStart	5 mL	₹ 11,000
R2221	POLARIS qPCR Mastermix (2X), SYBR® Green I, with High and Low Rox, Nuclease Free Water HotStart	20 mL	₹ 34,000
R2222	POLARIS-AMP qPCR Mastermix (2X), for probe based qPCR Applications, with High & Low ROX, Nuclease Free Water HotStart	5 mL	₹ 12,000
R2223	POLARIS-AMP qPCR Mastermix (2X), for probe based qPCR Applications, with High & Low ROX, Nuclease Free Water HotStart	20 mL	₹ 36,000
R2224 4X	POLARIS-AMP 4X , for qPCR with High and Low Rox and Nuclease free water, 20µL X 1000 Reactions HotStart	5 mL	₹ 25,000
R2225 4X	POLARIS-AMP 4X , for qPCR with High and Low Rox and Nuclease free water, 20µL X 4000 Reactions HotStart	20 mL	₹ 78,000

Note: GST will be extra

Contact:





VEGA™ One Step Mastermix

Reverse transcription and PCR amplification in a single vial.

Contains Incredible PhiScript Reverse Transcriptase

HotStart

Catalog #	Product description	Size	Price
R6321	VEGA [™] One Step Mastermix - For Gel Based PCR applications HotStart	2 mL	₹ 15,000
R6322	VEGA™ One Step Mastermix - For Gel Based PCR applications HotStart	10 mL	₹ 60,000
R6323	VEGA™ One Step Mastermix - For Probe Based qPCR - RT PCR Applications, With ROX HotStart	2 mL	₹ 15,000
R6324	VEGA™ One Step Mastermix - For Probe Based qPCR - RT PCR Applications, With ROX HotStart	10 mL	₹ 60,000
R6325	VEGA™ One Step Mastermix - With SYBR GREEN, With ROX HotStart	2 mL	₹ 15,000
R6326	VEGA™ One Step Mastermix - With SYBR GREEN, With ROX HotStart	10 mL	₹ 60,000
R6329 4X	VEGA™ One Step Mastermix (4X) - Multiplex qPCR, With High & Low ROX HotStart	2 mL	₹ 30,000
R6330 4X	VEGA™ One Step Mastermix (4X) - HotStart Multiplex qPCR, With High & Low ROX	10 mL	₹ 1,20,000

Note: GST will be extra

Contact:





Thermo Labile UNG Products

<u>Uracil - N -Glycosylase :</u> For preventing carry over contamination

Fully inactivated at 10 minute incubation at 50°C

Catalog #	Product description	Size	Price
R3501	DX UNG™ Enzyme , 2U/µL	400 Units	₹ 15,000
R3502	DX UNG™ Enzyme , 2U/µL	2000 Units	₹ 60,000
R3520	Polaris dUTP Mastermix (2X) - Contains UNG, HotStart Taq, dUTP and others, High & Low ROX HotStart	5 mL	₹ 15,000
R3521	Polaris dUTP Mastermix (2X) - Contains UNG, HotStart Taq, dUTP and others, High & Low ROX HotStart	20 mL	₹ 45,000
R6331	VEGA dUTP Mastermix (2X) - Contains UNG, Reverse Transcriptase, HotStart Taq, dUTP and others, High & Low ROX HotStart	2 mL	₹ 20,000
R6332	VEGA dUTP Mastermix (2X) - Contains UNG, Reverse Transcriptase, HotStart Taq, dUTP and others, High & Low ROX HotStart	10 mL	₹ 80,000

Note: GST will be extra

Contact:





HIGH RESOLUTION MELT ASSAYS

For genetic mutations, SNPs and DNA methylation studies

Contains EVAGREEN Dye

High Resolution Melt (HRM) curve analysis is a highly sensitive technique used to detect mutations, polymorphisms, and epigenetic differences in double-stranded DNA. This method relies on the post-amplification denaturation behavior of qPCR products in conjunction with advanced third-generation DNA intercalating dyes, such as SYBR Green II or EvaGreen, which exhibit reduced polymerase inhibition. HRM leverages variations in melting curve profiles and DNA melting temperatures to distinguish between different DNA sequences.

Catalog #	Product description	Size	Price
R2226	POLARIS ™ HRM Mastermix (2X) contains EVAGREEN dye , with High & Low ROX HotStart	5 mL	₹ 25,000
R2227	POLARIS ™ HRM Mastermix (2X) contains EVAGREEN dye , with High & Low ROX HotStart	20 mL	₹ 75,000

Note: GST will be extra

Contact:



FEATURES AT A GLANCE

SuperShot Solution revolutionizes DNA preparation with its innovative technology, delivering PCR-ready DNA in just 10 minutes.



(Plant Leaf/Mammalian cells & Tisues/ Bacterial/Fungal cells, Finger nails, Hairs etc)



Add samples to 100µl of SuperShot solution





DNA is ready for PCR





CATALOG

RC50 - SUPERSHOT Solution, 25ml Rs. 15,000 RC50-4 - SUPERSHOT Solution, 100ml Rs. 45,000

- No Spin Columns
- No extraction Kits
- No centrifugation
- No sample treatment
- 🔉 No purification step
- No PCR Inhibitors



SUPERSHOT

DNA in 10 minutes!



WWW.DXBIDT.COM



HIGH FIDELITY | LONG AMPLIFICATION | SUPER SPEED

CATALOG

R3720 - Rigel Mastermix(2x), 1 ml (20µl X 100 Reactions)

Rs. 12,000

Did You Know?

Rigel Mastermix also supports:





Multiplex PCR Applications

Direct Colony PCR Screening





Direct PCR From crude samples

Amplifications Upto 30KB

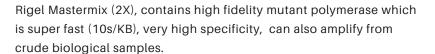




WWW.DXBIDT.COM

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IN BRIEF



FEATURES



1

HIGH FIDELITY

Rigel Mastermix offers high fidelity which is greater than 70 times that of Taq DNA Polymerase. Hence best suited for cloning, mutagenesis and NGS based applications.

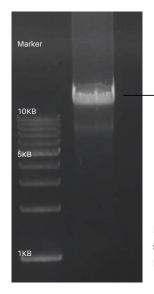
SUPER SPEED

For short fragments ≤ 1KB, Use 2s/KB
For long fragments ≤ 10KB, Use 5s/KB
For very long fragments ≥ 10 KB, Use 10 -15s/KB

3

EASY TO USE

Rigel Mastermix contains dNTPs, buffers, and preloaded dye for direct loading on gel. This minimizes the handling errors and improves efficiency.



→ 13KB Plasmid

Fig1: Amplification of a plasmid (13KB) used for site directed mutagenesis using RIGEL Mastermix (2X).

PCR Mastermixes

Catalog #	Product description	Size	Price
R8120	Leo Mastermix, Taq DNA Polymerase Premix with dNTPs and buffer, 2X, With OR Without Gel loading dye. High GC Targets	5 mL	₹ 5,000
R8121	Leo Mastermix, Taq DNA Polymerase Premix with dNTPs and buffer, 2X, With OR Without Gel loading dye. High GC Targets	20 mL	₹ 16,000
R1220	Hi Fi Pfu Mastermix, Pfu DNA Polymerase Premix with dNTPs and buffer, 2X, With Gel loading dye.	2 mL	₹ 6,000
R1221	Hi Fi Pfu Mastermix, Pfu DNA Polymerase Premix with dNTPs and buffer, 2X, With Gel loading dye.	10 mL	₹ 24,000
R8220	LEO PRIME Mastermix, Taq DNA Polymerase Premix with dNTPs and buffer, 2X		
	High Tolerant Taq, Colony PCR, cDNA 2nd Strand synthesis, Crude plant DNA amplifications	5 mL	₹ 10,000
R8221	LEO PRIME Mastermix, Taq DNA Polymerase Premix with dNTPs and buffer, 2X	20 mL	₹ 34,000
	High Tolerant Taq, Colony PCR, cDNA 2nd Strand synthesis, Crude plant DNA amplifications		

Note: GST will be extra

Contact:



1st Strand cDNA Synthesis Kit

PhiScript™ Reverse Transcriptase based product

Catalog #	Product description	Size	Price
R6201	PhiScript - 1st Strand cDNA Synthesis Kit Components: • Extrapure dNTPs (10µM Each), 50µL • Random Hexamers (50µM), 50µL • Oligo(dT) (50µM), 50µL • RNase Inhibitor (40U/µL), 50µL • PhiScript Reverse Transcriptase (200U/µ), 50 • 5X RT Reaction buffer, 0.5mL • DTT(100mM), 50µL • Nuclease Free Water, 1 mL	20μL X 50 Reactions μL	₹11,000
R6202	PhiScript - 1st Strand cDNA Synthesis Kit Components: • Extrapure dNTPs (10µM Each), 200µL • Random Hexamers (50µM), 200µL • Oligo(dT) (50µM), 200µL • RNase Inhibitor (40U/µL), 200µL • PhiScript Reverse Transcriptase (200U/µ), 200 • 5X RT Reaction buffer, 2 mL • DTT(100mM), 200µL • Nuclease Free Water, 4 mL	20μL X 250 Reactions Ο μL	₹42,000

Note: GST will be extra

Contact:



PhiScript™ cDNA Mastermix 5X

PhiScript™ Reverse Transcriptase based product

Catalog #	Product description	Size	Price
R6203	PhiScript - 1st Strand cDNA Synthesis Mastermix (5X) • An optimised mastermix in 5X concentration containing dNTPs, Random Hexamers, oligo(dT), RNAse inhibitors, stabilizers • PhiScript Reverse Transcriptase (200U/µL) • Nuclease Free Water	20µL X 50 Reactions	₹11,000
	Optmized for ≤ 2 KB Targets		
R6204	PhiScript - 1st Strand cDNA Synthesis Mastermix (5X) • An optimised mastermix in 5X concentration containing dNTPs, Random Hexamers, oligo(dTl8), RNAse inhibitors, stabilizers • PhiScript Reverse Transcriptase (200U/µL) • Nuclease Free Water	20µL X 250 Reactions	₹ 42,000
	Optmized for ≤ 2 KB Targets		

Note: GST will be extra

Contact:



gDNA Out cDNA Mastermix

PhiScript™ Reverse Transcriptase based product

Optmized for ≤ 2 KB Targets

Catalog #	Product description	Size	Price
R6205	 PhiScript - 1st Strand cDNA Synthesis Mastermix (5X) • DNase treatment mix to remove genomic DNA from RNA Samples • An optimised mastermix in 5X concentration containing dNTPs, Random Hexamers, oligo(dT), RNAse inhibitors, stabilizers • PhiScript Reverse Transcriptase (200U/µL) • Nuclease Free Water 	20µL X 50 Reactions	₹16,000
R6206	 PhiScript - 1st Strand cDNA Synthesis Mastermix (5X) DNase treatment mix to remove genomic DNA from RNA Samples An optimised mastermix in 5X concentration containing dNTPs, Random Hexamers, oligo(dT), RNAse inhibitors, stabilizers PhiScript Reverse Transcriptase (200U/µL) Nuclease Free Water 	20µL X 250 Reactions	₹ 62,000

Addressing gDNA contamination in RT-qPCR gene expression is crucial. Such contamination in RNA samples can skew the results of the target transcript amplification. This issue is particularly pronounced for genes with low expression levels, where even minimal gDNA contamination can significantly alter Cq values. The gDNA Out from DX/DT effectively eliminates gDNA from RNA preparations, without harming precious RNA.

Note: GST will be extra

Contact:





PhiScript™ Reverse Transcriptase

Catalog #	Product description	Size	Price
R6101	PhiScript™ Reverse Transcriptase, (200 U/µL) with 5X Reaction Buffer	10,000 Units	₹9,000
R6102	PhiScript™ Reverse Transcriptase, (200 U/µL) with 5X Reaction Buffer	50,000 Units	₹ 34,000

Note: GST will be extra

Contact:



Ribonuclease Inhibitor

Recombinant enzyme cloned from MOUSE

R1701 Recombinant Murine Rnase Inhibitor (40 U/ µL) 4,000 Units ₹9,000 Recombinant Murine Rnase Inhibitor (40 U/ µL) 20,000 Units ₹34,000	Catalog #	Product description	Size	Price
20.000 Unite $\Rightarrow 37.000$	R1701		4,000 Units	₹9,000
	R1702		20,000 Units	₹ 34,000

Note: GST will be extra

Contact:



Taq DNA Polymerase

Catalog #	Product description	Size	Price
R1101	Taq DNA Polymerase, 5U/μL With 10x Reaction Buffer & dNTPs	1000 U	₹ 4000
R1102	Taq DNA Polymerase, 5U/µL With 10x Reaction Buffer & dNTPs	3000 U	₹10000
R1105	Taq DNA Polymerase, 5U/µL With 10x Reaction Buffer ONLY	5000 U	₹ 13,000

Note: GST of 18% will be extra

Contact:



LEO GOLD HotStart Taq Polymerase & Mastermixes

Antibody based.

Catalog #	Product description	Size	Price
R5201	LEO GOLD Hotstart Taq DNA Polymerase with 10X reaction Buffer	1000 U	₹ 12,000
R5102	LEO GOLD Hotstart Taq DNA Polymerase with 10X reaction Buffer	3000 U	₹30,000
R5220	LEO GOLD Hotstart MASTERMIX (2X), 20µL X 200 Reactions	2 mL	₹ 12,000
R5221	LEO GOLD Hotstart MASTERMIX (2X), 20µL X 1000 Reactions	10 mL	₹ 48,000

Note: GST will be extra

Contact:



High Fidelity Pfu DNA Polymerase

Catalog #	Product description	Size	Price
R1201	Pfu DNA Polymerase, 5U/µL with 10x Reaction Buffer	500 U	₹ 8,000
R1202	Pfu DNA Polymerase, 5U/µL with 10x Reaction Buffer	2000 U	₹ 26,000

Note: GST will be extra

Contact:



LONG AND ACCURATE MASTERMIX (2X)

Superfast | High Fidelity | Amplification upto 35KB

Catalog #	Product description	Size	Price
R1920	DX/DT LA MASTERMIX (2X), premix with dye, for amplification upto 35KB.	1 mL	₹ 12,000
R1921	DX/DT LA MASTERMIX (2X), premix with dye, for amplification upto 35KB.	5 mL	₹ 48,000

Note: GST will be extra

Contact:



T4 DNA Ligase

Catalog #	Product description	Size	Price
R1401	T4 DNA Ligase, 400 CEU/µL with 10x Reaction Buffer, PEG-8000 (50%)	40,000 CEU	₹ 8,000
R1402	T4 DNA Ligase, 400 CEU/µL with 10x Reaction Buffer, PEG-8000 (50%)	1,20,000 CEU	₹ 18,000
R1403	T4 DNA Ligase, High Concentration, 2000 CEU/µL, With 10x Reaction Buffer, PEG-8000(50%)	1 Lakh CEU	₹10,000
R1404	T4 DNA Ligase, High Concentration, 2000 CEU/µL, With 10x Reaction Buffer, PEG-8000 (50%)	3 Lakh CEU	₹ 24,000

Note: GST will be extra

Contact:



Proteinase K

Catalog #	Product description	Size	Price
R2701	Proteinase K, Lyophilised Powder	1 gram	₹ 18,000
R2702	Proteinase K, Lyophilised Powder	100 mg	₹ 7,000
R2703	Proteinase K, Sterile liquid, (20mg/ml)	5 mL Pack	₹7,000
R2704	Proteinase K, Sterile liquid, (20mg/ml)	25 mL Pack	₹28,000

Note: GST will be extra

Contact:



PNGase F & Quick PNGase F

Catalog #	Product description	Size	Price
R1301	PNGase F, 500U/µL with Glycobuffers, Denaturing Buffer and NP 40	20,000 Units	₹ 15,000
R1302	PNGase F, 500U/µL with Glycobuffers, Denaturing Buffer and NP 40	1 Lakh Units	₹ 60,000
R1303	Quick PNGase F, 500U/µL with Reaction Buffers	20,000 Units	₹ 20,000
R1304	Quick PNGase F, 500U/µL with Reaction Buffers	1 Lakh Units	₹ 70,000

Note: GST will be extra

Contact:



Nucleases

For digestion of DNA, RNA and both

Catalog #	Product description	Size	Price
R3201	X-Nuclease™ , 250U/µL (Eq. to Benzonase®) Destroys both DNA & RNA	10,000 Units	₹ 10,000
R3202	X-Nuclease™ , 250U/µL (Eq. to Benzonase®) Destroys both DNA & RNA	50,000 Units	₹ 36,000
R1501	RNase A, Lyophilized Powder Destroys RNA	100 mg	₹ 7,000
R1502	RNase A, Solution Form 100mg/ml Destroys RNA	1 mL	₹ 7,500
R1503	RNase A, Solution Form 20mg/ml Destroys RNA	5 mL	₹ 7,500
R1601	DNAse 1 With 10X reaction buffer Recombinant Enzyme , 5U/µL Destroys DNA	200 μL	₹ 15,000

Note: GST will be extra

Contact:



Glycerol Free Products

Catalog #	Product description	MOQ
R2401	Glycerol Free Taq DNA Polymerase, 5 U/μL	10,000 U
R2402	Glycerol Free Taq DNA Polymerase, 35 U/µL	10,000 U
R6401	Glycerol Free Phiscript Reverse Transcriptase, 200 U/μL	50,000 U
R6402	Glycerol Free Phiscript Reverse Transcriptase, 500 U/μL	50,000 U

Note: GST will be extra

Contact:



6X Gel Loading Dyes



Catalog #	Product description	Size	Price
RD106	6X Green : Migration Equivalent to 25bp & 4KB	5 mL	₹ 3000
RD106-25	6X Green : Migration Equivalent to 25bp & 4KB	25 mL	₹ 10,000
RD108	6X Loading Dye - Double Dye Mix of Bromophenol Blue and Xylene Cyanol FF	5 mL	₹ 3,000
RD108-25	6X Loading Dye - Double Dye Mix of Bromophenol Blue and Xylene Cyanol FF	25 mL	₹ 10,000

Note: GST will be extra

Contact:

REAL TIME PCR DYES



Product description	Size	Price
ROX REFERENCE DYE, High	0.5 mL X 5	₹8,000
ROX REFERENCE DYE, Low	0.5 mL X 5	₹8,000
DX/DT GREEN (SYBR® GREEN I) , 20X	1 mL	₹15,000
DX/DT GREEN (SYBR® GREEN I) , 20X	5 mL	₹60,000
	ROX REFERENCE DYE, High ROX REFERENCE DYE, Low DX/DT GREEN (SYBR® GREEN I), 20X	ROX REFERENCE DYE, High 0.5 mL X 5 ROX REFERENCE DYE, Low 0.5 mL X 5 DX/DT GREEN (SYBR® GREEN I), 20X 1 mL

Note: GST will be extra

Contact:



Optimus™ DNA Ladders

Price List, 2023-24

Catalog #	Product description	Size	Price
R4001	100 bp DNA Ladder, With pre-loaded Dye, Sufficient for 100 lanes, 5µL/Lane loading: 100, 200, 300, 400, 500(bright), 600, 700, 800, 900, 1000(bright), 1500bp	500µL	₹ 3000
R4001-5	100 bp DNA Ladder, With pre-loaded Dye, Sufficient for 100 lanes, 5µL/Lane loading: 100, 200, 300, 400, 500(bright), 600, 700, 800, 900, 1000(bright), 1500bp	500μL X 5	₹ 11,500
R4003	1kB DNA Ladder, With pre-loaded Dye, Sufficien for 100 lanes, 5μL/Lane loading: 250bp, 500bp, 750bp, 1kb (Super bright), 1.5kb, 2kb, 2.5kb, 3kb, 4kb, 5kb (bright), 6kb, 7kb, 8kb, 9kb and 10kb	t 500μL	₹ 3000
R4003-5	1kB DNA Ladder, With pre-loaded Dye, Sufficien for 100 lanes, 5µL/Lane loading: 250bp, 500bp, 750bp, 1kb (Super bright), 1.5kb, 2kb, 2.5kb, 3kb, 4kb, 5kb (bright), 6kb, 7kb, 8kb, 9kb and 10kb	t 500µL X 5	₹ 11,500
R4006	50bp DNA Ladder ,With pre-loaded Dye, , Sufficient for 100 lanes, 5µL/Lane loading: 50bp, 100bp, 150bp, 200bp(bright), 250bp, 300bp, 350bp, 400bp, 450bp and 500bp(bright), 600bp, 700bp, 800bp, 900bp, 1000bp(bright), 1200bp and 1500bp.	500μL	₹ 3000
R4006-5	50bp DNA Ladder ,With pre-loaded Dye, , Sufficient for 100 lanes, 5µL/Lane loading: 50bp, 100bp, 150bp, 200bp(bright), 250bp, 300bp, 350bp, 400bp, 450bp and 500bp(bright), 600bp, 700bp, 800bp, 900bp, 1000bp(bright), 1200bp and 1500bp.	500µL X 5	₹ 11,500

Note: GST will be extra

Contact:



Extrapure dNTP MIX & dNTP Set

Product description	Size	Price
Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 2.5mM Each	2 mL	₹ 4,500
Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 2.5mM Each	5 mL	₹ 9,000
Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each	2 mL	₹ 6,000
Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each	5 mL	₹ 10,800
Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each	2 mL	₹ 8,000
Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each	5 mL	₹ 15,000
Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate vials, 100mM Each	4 X 0.25 mL Each	₹ 8,000
Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate vials, 100mM Each	4 X 1 mL Each	₹ 27000
	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 2.5mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 2.5mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate vials, 100mM Each Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 2.5mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 2.5mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 10mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP; Final concentration - 25mM Each Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate vials, 100mM Each Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate

Note: GST will be extra

Contact:



Extrapure rNTP SET

For InVitro Transcription and mRNA applications

Catalog #	Product description	Size	Price
RN110-1	Extrapure ATP,GTP,CTP,UTP 100mM each	4X 0.25 mL	₹ 8,000
RN110-2	Extrapure ATP,GTP,CTP,UTP 100mM each	4X 1 mL	₹ 27,000

Note: GST will be extra

Contact:



Safe Stain GREEN

Introducing Safe Stain Nucleic Acid Gel Stain, a revolutionary fluorescent dye poised to revolutionize nucleic acid gel staining, replacing the hazardous ethidium bromide (EtBr). Verified by the Ames test, it's proven non-mutagenic even at concentrations exceeding those used in standard gel staining procedures. This innovative stain offers superior sensitivity compared to EtBr, whether used as a precast or post-gel stain, ensuring accurate and reliable results in nucleic acid analysis.



10,000X

CATALOG# RD 109

Rs. 8000, 500µL

CATALOG# RD 109-5

Rs. 32,000, 2.5mL

Highlights

- Super safe , Non Mutagenic
- Suited for both pre and post electrophoresis
 - Can stain dsDNA, ssDNA and RNA
- Compatible with UV, laser and Bluelight imagers
 - Good mobility, no migration issues
 - Uniform staining of the gel
 - Stable at room temperature
 - 10,000 X Concentration
 - Sensitive & Accurate quanitification
 - Good signal to noise ratio
 - Destaining is not required



PCR and RT Reaction Buffers

Catalog #	Product description	Size	Price
RIIIO	For Taq DNA Polymerase, 10X Reaction Buffer	5 mL	₹ 5,000
R1210	For High Fidelity Pfu 10X Reaction Buffer	5 mL	₹ 5,000
R2010	PCR Enhancing Solution(5X) GC Targets	5 mL	₹ 10,000
R6110	Reverse Transcription 5X Buffer	5 mL	₹ 5,000

Note: GST will be extra

Contact:



RNA BuilderTM Products

Products related to RNA based work

Catalog #	Product description	Size	Price
RB01	QZol™ (Equivalent to Trizol®)	100 mL	₹ 12,000
RB02	RiboStore™ (RNA Storage solution)	50 mL	₹ 5,000
RB03	RNaseClear™ (Equivalent to RNase Zapp®)	250 mL	₹ 8,000
RB04	RNase Steady™ (Equivalent to RNA Later®) RNA Stabilizing Solution	100 mL	₹ 10,000
RB05	RNA Gel Loading Dye (2X)	5 mL	₹ 6,000

Note: GST will be extra

Contact:



Nuclease Free Water

Catalog #	Product description	Size	Price
RW01	Nuclease Free Water Free from Endonucleases Free from Exonucleases Free from RNAases Free from chemicals such as DEPC, SDS.	50ml X 2	₹4,500
RW02	Nuclease Free Water Free from Endonucleases Free from Exonucleases Free from RNAases Free from chemicals such as DEPC, SDS.	1L X 1	₹6,000

Note: GST will be extra

Contact:



Power of

Protein Estimation

We are excited to introduce our new range of protein estimation assays, featuring the widely trusted Bradford and BCA methods, both designed for accurate and reliable quantification of proteins in various sample types. These assays come with Bovine Serum Albumin (BSA) standards, ensuring consistent and reproducible results for all your protein quantification needs. The Bradford assay provides a fast, dyebinding method ideal for routine measurements, while the BCA assay offers greater sensitivity and a broader linear range. Whether you are working with purified proteins or complex mixtures, our assays deliver precision, making them essential tools for research labs and industrial applications alik

CATALOG DETAILS

RC33-1: Bradford Reagent, 100ml	Rs. 2,500
RC33-2: Bradford Reagent, 1L	Rs. 10,000
RC38-1 Bradford PLUS (100ml), with BSA Standard Set	Rs. 3,000
RC38-2 Bradford PLUS (1L), with BSA Standard Set	Rs. 12,000
RC20 - BCA KIT, 100 ml	Rs. 6,000
RC20-3, BCA KIT, 1 Litre	Rs. 40,000



Molecular Biology Grade Reagents

Catalog #	Product description	Size	Price
R2801	Lambda DNA, 100ng/µl	50µg	₹ 2,500
R2802	Lambda DNA, 100ng/μl	250µg	₹ 10,000
RC37	Oligo dT18, 50µM	250µl	₹ 10,000
RC37-4	Oligo dT18, 50µM	1 mL	₹ 25,000
RC36	Random Hexamers, 50µM	250µl	₹ 10,000
RC36-4	Random Hexamers, 50µM	1 mL	₹ 25,000
RC36	Random Hexamers, 50µM	250µl	₹ 10,000
RC03	TAE Buffer, MB Grade, 10X	1 L	₹ 6,000
RC03-5	TAE Buffer, MB Grade, 10X	5 L	₹ 20,000
RC16	PBS Buffer, MB Grade, 10X	1 L	₹ 6,000
RC16-5	PBS Buffer, MB Grade, 10X	5 L	₹ 20,000

Note: GST will be extra

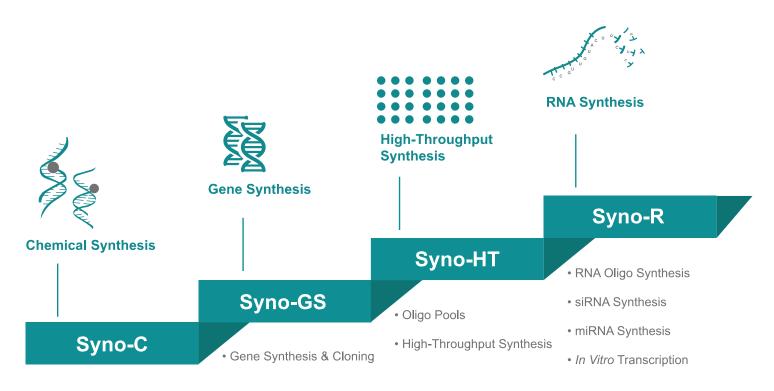
Contact:



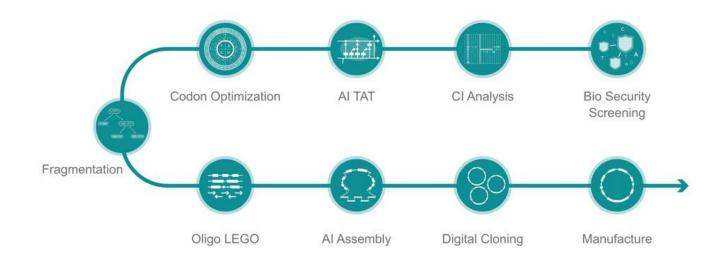


In Association with Synbio Technologies, NJ, USA

Synthesis Platform



- Oligo Synthesis
- Modified Oligo Synthesis
- Probe Synthesis



Note: GST will be extra

Contact:



Oligosynthesis



Molecular Diagnostics

- qPCR & SNP Oligos & Probes
- · Double-Quenched Probes
- · RAA Probes & RPA Probes
- · Electrochemical Probes
- FISH Probes
- COVID-19 Oligos & Probes



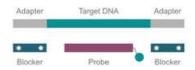
Functional Genomics

- Antisense Oligos
- shRNA Synthesis
- siRNA Synthesis
- · miRNA Synthesis



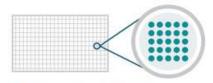
Drug Development

- Aptamer
- · DEL



NGS

- Adaptor Oligos
- Amplification Primers
- Capture Probes
- Blocking Oligos



Molecular Biology

- Custom DNA Oligos
- Custom RNA Oligos
- Modified Oligos
- Oligo Pools



CRISPR Genome Editing

- · ssDNA
- · crRNA
- crRNA+tracrRNA



Protein/Antibody Function

- Trimer Oligos
- Degenerate Primers
- CDRs Variant Library Oligos
- · CpG ODN



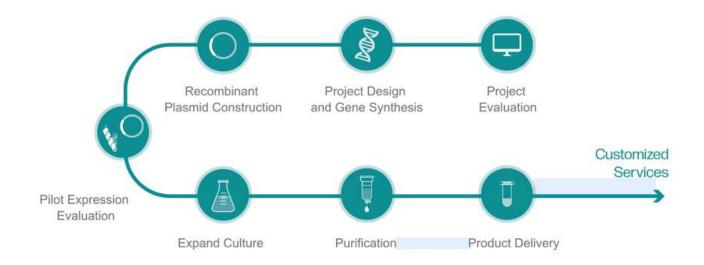
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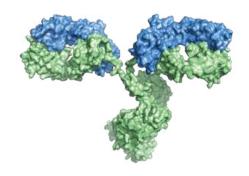


Protein Expression & Purification services

Full suite of protein expression and purification platform including bacterial, yeast, insect and mammalian expression systems. Our powerful gene synthesis platform enhances our scalability, providing you with high purity recombinant proteins ranging from milligrams to grams. As a way to assure we are giving you the best products, we leverage our patented codon optimization technology, to significantly improve the protein expression levels, at no additional charges to you.



Antibody Discovery Services



We offer a broad range antibody production services. our technical platforms cover all stages of antibody discovery by integrating DNA reading, DNA writing and DNA editing, including hybridoma sequencing, immune repertoire sequencing, antibody design and production, antibody affinity maturation and antibody humanization. With the help of our synthesis platforms, we can quickly deliver various recombinant antibodies, such as IgG, Fab, scFV, VHH, BsAb etc, with purity ≥ 95% and endotoxin levels < 1EU/mg, with prices that allow you to discover more while spending less.

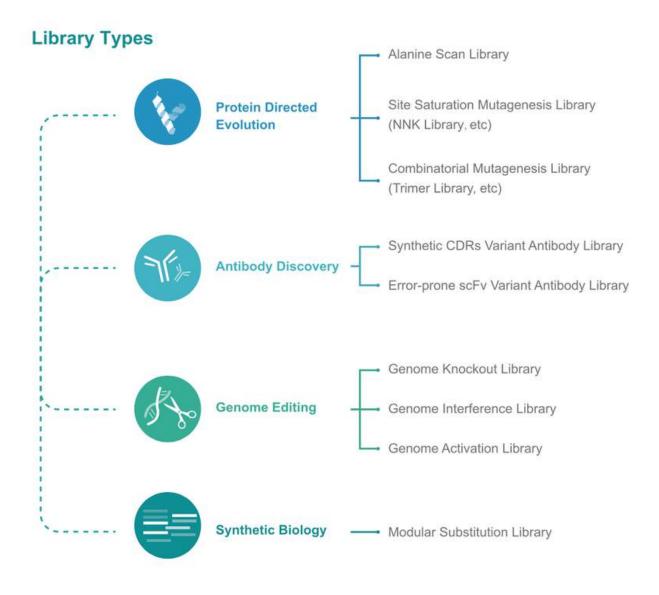
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Contact:



Synthetic DNA Libraries

We offer our customers high-quality DNA libraries of any size and complexity. Our synthetic libraries are designed by an experienced bioinformatics team to support multiple applications including functional genetics, directed evolution, protein engineering and antibody studies.



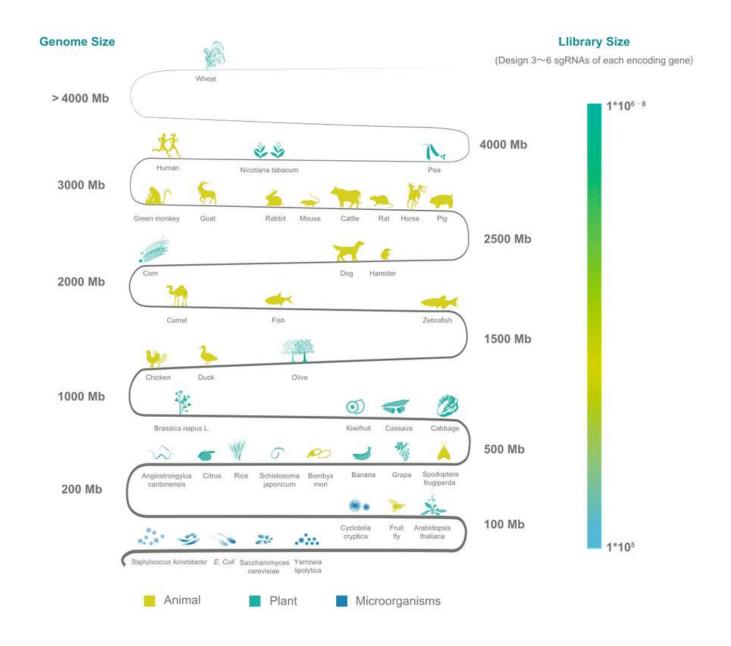
Note: GST will be extra

Contact:



Genome editing services

With the aid of our proprieatory algorithm, and extensive experience in genome wide sgRNA design, we provide comprehensive services for dozens of model species, and any other non model species, as requested by our customers. sgRNAs designed by the skilled team greatly reduce off-target rates and significantly improve editing efficiency.



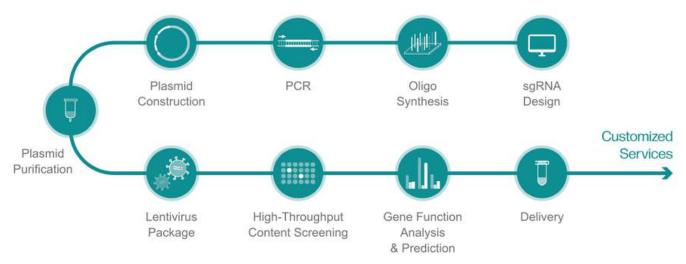
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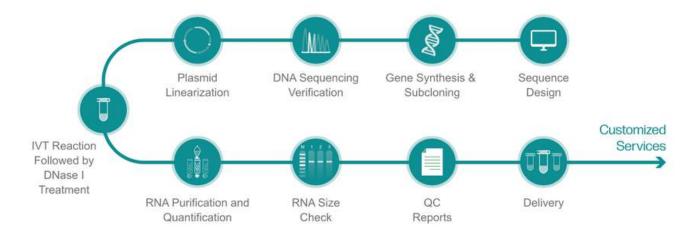
sgRNA Library synthesis

We are committed to provide customers with custom services, including sgRNA designs, library construction, NGS, and bioinformatics analysis. We have produced several sgRNA library products, including human genome knockout libraries, livestock and poultry genome knock-out libraries, and microorganism genomes CRISPRi/a libraries. The capacity, coverage, accuracy, and uniformity quality of our libraries are of the highest in the industry; allowing for optimal high-throughput screening performance.



mRNA synthesis

We provide high quality and cost-effective customized synthesis of mRNA. We also offer sequence optimization and wide range of mRNA modifications, including 5' capping, 3' tailing and nucleoside modification to enhance the stability of mRNA, improve translation efficiency, and reduce immunogenecity. The transcribed RNA molecules can be applied to a vareity of research scenarios, such as gene editing, nucleic acid vaccine development, stem cell reprogramming, gene function research, gene diagnosis and strucutral research.



Note: GST will be extra

Contact:

