



*Differentiating
Research*

**PRICE LIST
2024-25**

**PRODUCTS &
EXPERT SERVICES**



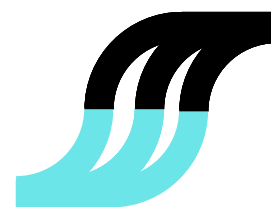
**ACCURATE RESULTS.
FAST DELIVERY.
INCREDIBLE PRICES.**

www.dxbidt.com

POLARIS™ qPCR & Probe Mastermix

Real Time PCR Applications

For cDNA or DNA template amplifications only



POLARISTM
qPCR Mastermix

Catalog #	Product description	Size	Price
R2220	POLARIS qPCR Mastermix (2X), SYBR® Green I, with High and Low Rox, Nuclease Free Water	5 mL	₹ 10,000
R2221	POLARIS qPCR Mastermix (2X), SYBR® Green I, with High and Low Rox, Nuclease Free Water	20 mL	₹ 32,000
R2222	POLARIS-AMP qPCR Mastermix (2X), for probe based qPCR Applications, with High & Low ROX, Nuclease Free Water	5 mL	₹ 10,000
R2223	POLARIS-AMP qPCR Mastermix (2X), for probe based qPCR Applications, with High & Low ROX, Nuclease Free Water	20 mL	₹ 32,000
R2224	POLARIS-AMP 4X , for qPCR with High and Low Rox and Nuclease free water, 20µL X 1000 Reactions	5 mL	₹ 24,000
R2225	POLARIS-AMP 4X , for qPCR with High and Low Rox and Nuclease free water, 20µL X 4000 Reactions	20 mL	₹ 78,000

Note: GST will be extra

Contact:

Email: info@dxbidt.com
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web: www.dxbidt.com





Bangalore



VEGA™ One Step Mastermix

Reverse transcription and PCR amplification in a single vial.

Contains Incredible PhiScript Reverse Transcriptase

Catalog #	Product description	Size	Price
R6321	VEGA™ One Step Mastermix - For Gel Based PCR applications	2 mL	₹ 14,000
R6322	VEGA™ One Step Mastermix - For Gel Based PCR applications	10 mL	₹ 58,000
R6323	VEGA™ One Step Mastermix - For Probe Based qPCR - RT PCR Applications, With ROX	2 mL	₹ 14,000
R6324	VEGA™ One Step Mastermix - For Probe Based qPCR - RT PCR Applications, With ROX	10 mL	₹ 58,000
R6325	VEGA™ One Step Mastermix - With SYBR GREEN, With ROX	2 mL	₹ 14,000
R6326	VEGA™ One Step Mastermix - With SYBR GREEN, With ROX	10 mL	₹ 58,000
R6327	VEGA™ One Step Mastermix - PCR KIT with control RNA (Gel Based PCR applications)	2 mL	₹ 16,000
R6328	VEGA™ One Step Mastermix - PCR KIT with control RNA (Gel based PCR Applications)	5 mL	₹ 34,000
R6329	 VEGA™ One Step Mastermix (4X) - Multiplex qPCR, With High & Low ROX	1 mL	₹ 18,000
R6330	 VEGA™ One Step Mastermix (4X) - Multiplex qPCR, With High & Low ROX	5 mL	₹ 70,000

Note: GST will be extra

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Bangalore



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	5 mL	₹ 25,000
R2227	POLARIS™ HRM Mastermix (2X) contains EVAGREEN dye , with High & Low ROX	20 mL	₹ 80,000

Note: GST will be extra

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Bangalore

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 & Tissues/
Bacterial/Fungal cells, Finger nails, Hairs etc)



Add samples to 100µl of
SuperShot solution



Incubate at 95°C for
10 minutes



DNA is ready for PCR



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



CATALOG

RC50 - SUPERSHOT Solution, 25ml

Rs. 15,000

SUPERSHOT™

DNA in 10 minutes !



Bangalore: 1 Day Delivery
PAN India: 2-3 Days

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RIGELTM

Where every base counts!

HIGH FIDELITY | LONG AMPLIFICATION | SUPER SPEED

CATALOG

R3720 - Rigel Mastermix(2x), 1 ml

Rs. 10,000

IN BRIEF

Rigel Mastermix (2X), contains high fidelity mutant polymerase which is super fast (10s/KB), very high specificity, can also amplify from crude biological samples.

FEATURES

Did You Know?

Rigel Mastermix also supports:



Multiplex PCR Applications



Direct Colony PCR Screening



Direct PCR From crude samples



Amplifications Upto 30KB



Bangalore: 1 Day Delivery
PAN India: 2-3 Days



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HIGH FIDELITY

1

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

2

For short fragments \leq 1KB, Use 2s/KB
For long fragments \leq 10KB, Use 5s/KB
For very long fragments \geq 10 KB, Use 10 -15s/KB

EASY TO USE

3

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

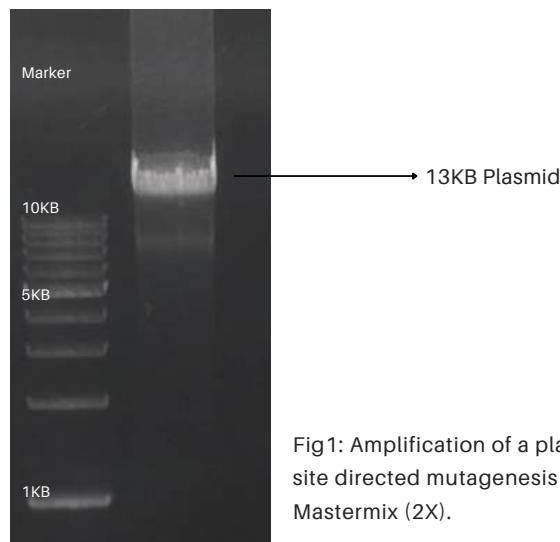


Fig1: Amplification of a plasmid (13KB) used for site directed mutagenesis using RIGEL Mastermix (2X).

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.	5 mL	₹ 5,000
R8121	Leo Mastermix, Taq DNA Polymerase Premix with dNTPs and buffer, 2X, With OR Without Gel loading dye.	20 mL	₹ 15,000
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	₹ 26,000
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 High Tolerant Taq, Colony PCR, cDNA 2nd Strand synthesis, Crude plant DNA amplifications	20 mL	₹ 32,000

Note: GST will be extra


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Bangalore

1st Strand cDNA Synthesis Kit

 PhiScript™ Reverse Transcriptase based product



Catalog #	Product description	Size	Price
R6201	<p>PhiScript - 1st Strand cDNA Synthesis Kit Components:</p> <ul style="list-style-type: none">• Extrapure dNTPs (10μM Each), 50μL• Random Hexamers (50μM), 50μL• Oligo(dT) (50μM), 50μL• RNase Inhibitor (40U/μL), 50μL• PhiScript Reverse Transcriptase (200U/μ), 50 μL• 5X RT Reaction buffer, 0.5mL• DTT(100mM), 50μL• Nuclease Free Water, 1 mL	20μL X 50 Reactions	₹10,000
R6202	<p>PhiScript - 1st Strand cDNA Synthesis Kit Components:</p> <ul style="list-style-type: none">• Extrapure dNTPs (10μM Each), 200μL• Random Hexamers (50μM), 200μL• Oligo(dT) (50μM), 200μL• RNase Inhibitor (40U/μL), 200μL• PhiScript Reverse Transcriptase (200U/μ), 200 μL• 5X RT Reaction buffer, 2 mL• DTT(100mM), 200μL• Nuclease Free Water, 4 mL	20μL X 250 Reactions	₹40,000

Note: GST will be extra


Contact:

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Bangalore

PhiScript™ cDNA Mastermix 5X

 PhiScript™ Reverse Transcriptase based product



Catalog #	Product description	Size	Price
R6203	<p>PhiScript - 1st Strand cDNA Synthesis Mastermix (5X)</p> <ul style="list-style-type: none">• An optimised mastermix in 5X concentration containing dNTPs, Random Hexamers, oligo(dT), RNase inhibitors, stabilizers• PhiScript Reverse Transcriptase (200U/μL)• Nuclease Free Water <p>Optimized for ≤ 2 KB Targets</p>	20μL X 50 Reactions	₹10,000
R6204	<p>PhiScript - 1st Strand cDNA Synthesis Mastermix (5X)</p> <ul style="list-style-type: none">• An optimised mastermix in 5X concentration containing dNTPs, Random Hexamers, oligo(dT18), RNase inhibitors, stabilizers• PhiScript Reverse Transcriptase (200U/μL)• Nuclease Free Water <p>Optimized for ≤ 2 KB Targets</p>	20μL X 250 Reactions	₹ 40,000

Note: GST will be extra


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Bangalore

gDNA Out cDNA Mastermix

 PhiScript™ Reverse Transcriptase based product

Optimized for ≤ 2 KB Targets

Catalog #	Product description	Size	Price
R6205	<p>PhiScript - 1st Strand cDNA Synthesis Mastermix (5X)</p> <ul style="list-style-type: none">• 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	₹14,000
R6206	<p>PhiScript - 1st Strand cDNA Synthesis Mastermix (5X)</p> <ul style="list-style-type: none">• 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	₹ 64,000

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 C_q values. The gDNA Out from DX/DT effectively eliminates gDNA from RNA preparations, without harming precious RNA.

Note: GST will be extra

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Bangalore



PhiScript™ Reverse Transcriptase



Catalog #	Product description	Size	Price
R6101	PhiScript™ Reverse Transcriptase, (200 U/μL) with 5X Reaction Buffer	10,000 Units	₹8,000
R6102	PhiScript™ Reverse Transcriptase, (200 U/μL) with 5X Reaction Buffer	40,000 Units	₹ 24,000

Note: GST will be extra

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Bangalore

Ribonuclease Inhibitor

Recombinant enzyme cloned from MOUSE

Catalog #	Product description	Size	Price
R1701	Recombinant Murine Rnase Inhibitor (40 U/ μ L)	4,000 Units	₹8,500
R1702	Recombinant Murine Rnase Inhibitor (40 U/ μ L)	20,000 Units	₹ 32,000

Note: GST will be extra

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Bangalore

Taq DNA Polymerase

Catalog #	Product description	Size	Price
R1101	Taq DNA Polymerase, 5U/ μ L With 10x Reaction Buffer & dNTPs	1000 U	₹ 3500
R1102	Taq DNA Polymerase, 5U/ μ L With 10x Reaction Buffer & dNTPs	3000 U	₹8500
R1105	Taq DNA Polymerase, 5U/ μ L With 10x Reaction Buffer ONLY	5000 U	₹ 12,000

Note: GST of 18% will be extra

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Bangalore

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

Note: GST will be extra

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Bangalore

High Fidelity Pfu DNA Polymerase

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

Note: GST will be extra

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Bangalore

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

Note: GST will be extra

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Bangalore

T4 DNA Ligase

Catalog #	Product description	Size	Price
R1401	T4 DNA Ligase, 400 CEU/ μ L with 10x Reaction Buffer, PEG-8000 (50%)	40,000 CEU	₹ 7,000
R1402	T4 DNA Ligase, 400 CEU/ μ L with 10x Reaction Buffer, PEG-8000 (50%)	1,20,000 CEU	₹ 17,000
R1403	T4 DNA Ligase, High Concentration , 2000 CEU/ μ L, With 10x Reaction Buffer, PEG-8000(50%)	1 Lakh CEU	₹10,000
R1404	T4 DNA Ligase, High Concentration , 2000 CEU/ μ L, With 10x Reaction Buffer, PEG-8000 (50%)	3 Lakh CEU	₹ 24,000
R1410	Highly Pure PEG 8000 (50%) for Fast Ligation with 10X Ligase Reaction Buffer	5mL Each	₹ 8,000

Note: GST will be extra

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Bangalore

Proteinase K

Catalog #	Product description	Size	Price
R2701	Proteinase K, Lyophilised Powder	1 gram	₹ 15,000
R2702	Proteinase K, Lyophilised Powder	100 mg	₹ 6,000
R2703	Proteinase K, Sterile liquid, (20mg/ml)	5 mL Pack	₹6,000

Note: GST will be extra

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Bangalore

PNGase F & Quick PNGase F

Catalog #	Product description	Size	Price
R1301	PNGase F, 500U/ μ L with Glycobuffers, Denaturing Buffer and NP 40	20,000 Units	₹ 12,000
R1302	PNGase F, 500U/ μ L with Glycobuffers, Denaturing Buffer and NP 40	1 Lakh Units	₹ 45,000
R1303	Quick PNGase F, 500U/ μ L with Reaction Buffers	20,000 Units	₹ 18,000
R1304	Quick PNGase F, 500U/ μ L with Reaction Buffers	1 Lakh Units	₹ 75,000

Note: GST will be extra

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Bangalore

X - Nuclease (~Benzonase®)

Catalog #	Product description	Size	Price
R3201	X-Nuclease™ , 250U/μL (Eq. to Benzonase®)	10,000 Units	₹ 9,000
R3202	X-Nuclease™ , 250U/μL (Eq. to Benzonase®)	50,000 Units	₹ 36,000

Note: GST will be extra

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Bangalore

Glycerol Free Products

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

Note: GST will be extra

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Bangalore

6X Gel Loading Dyes



Catalog #	Product description	Size	Price
RD103	 6X Orange; Migration Equivalent to 50bp	5 mL	₹ 3000
RD106	 6X Green : Migration Equivalent to 25bp & 4KB	5 mL	₹ 3000
RD108	 6X Loading Dye - Double Dye Mix of Bromophenol Blue and Xylene Cyanol FF	5 mL	₹ 3000

Note: GST will be extra




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Bangalore

REAL TIME PCR DYES



Catalog #	Product description	Size	Price
RX101	 ROX REFERENCE DYE, High	0.5 mL X 5	₹8,000
RX102	 ROX REFERENCE DYE, Low	0.5 mL X 5	₹8,000
RX103	 DX/DT GREEN (SYBR® GREEN I) , 20X	1 mL	₹14,000

Note: GST will be extra

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Bangalore

Optimus™ DNA Ladders

Price List, 2023-24

Catalog #	Product description	Size	Price
R4001	 100 bp DNA Ladder , <u>With pre-loaded Dye</u> , Sufficient for 100 lanes, 5µL/Lane loading : 100, 200, 300, 400, 500(bright), 600, 700, 800, 900, 1000(bright), 1500bp	500µL	₹ 2800
R4003	 1kB DNA Ladder , <u>With pre-loaded Dye</u> , Sufficient 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	500µL	₹ 2800
R4006	 50bp PLUS DNA Ladder , <u>With pre-loaded Dye</u> , 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	₹ 2800

Note: GST will be extra

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Bangalore

Extrapure dNTP MIX & dNTP Set

Catalog #	Product description	Size	Price
RN101-2	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP ; Final concentration - 2.5mM Each	2 mL	₹ 4,000
RN101-5	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP ; Final concentration - 2.5mM Each	5 mL	₹ 8,000
RN102-2	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP ; Final concentration - 10mM Each	2 mL	₹ 5,000
RN102-5	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP ; Final concentration - 10mM Each	5 mL	₹ 9,400
RN103-2	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP ; Final concentration - 25mM Each	2 mL	₹ 7,000
RN103-5	Extrapure dNTP mix containing dATP,dTTP, dCTP and dGTP ; Final concentration - 25mM Each	5 mL	₹ 14,000
RN104-1	Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate vials, 100mM Each	4 X 0.25 mL Each	₹ 7,300
RN104-2	Extrapure dNTP SET containing dATP,dTTP, dCTP and dGTP in separate vials, 100mM Each	4 X 1 mL Each	₹ 25,500

Note: GST will be extra

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Bangalore

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	₹ 7,500
RN110-2	Extrapure ATP,GTP,CTP,UTP 100mM each	4X 0.5 mL	₹ 12,000

Note: GST will be extra

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SafeStain 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

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 quantification ◀
- Good signal to noise ratio ◀
- Destaining is not required ◀

PCR and RT Reaction Buffers

Catalog #	Product description	Size	Price
R1110	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

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Bangalore

RNA Builder™ Products

Products related to RNA based work

Catalog #	Product description	Size	Price
RB01	QZol™ (Equivalent to Trizol®)	100 mL	₹ 10,000
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
RISO1	RNA isolation Kit, based on Silica based SPIN Column	50 Reactions	₹ 18,000

Note: GST will be extra

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Bangalore

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 5	₹4,000
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

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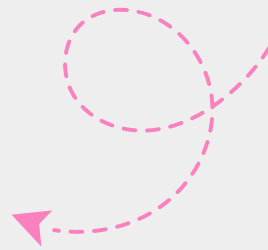


Bangalore

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, dye-binding 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 alike

CATALOG DETAILS



	RC33 – Bradford Reagent, 100ml	Rs. 2,500
	RC38 – Bradford PLUS (1L), with BSA Standard Set	Rs. 20,000
	RC20 – BCA KIT, 100 ml	Rs. 6,000
	RC20-3, BCA KIT, 1 Litre	Rs. 35,000



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Extrapure Molecular Biology Grade Reagents

Quotes to be given based on enquiry and availability

DNAase I

Tween 20

RNase A

Triton X 100

Lysozyme

Agarose

Ethidium bromide

DEPC treated water

TAE Buffer (10X, 50X)

TBE Buffer (10X, 50X)

Lambda DNA

100mM MgSO₄

PBS Buffer (10X, 50X)

PCR Enhancing buffers

RNase Away

SDS Loading Dye

RNase Away

BSA Standard Sets

NP 40

Trehalose

5M Betaine Solution

Note: GST will be extra

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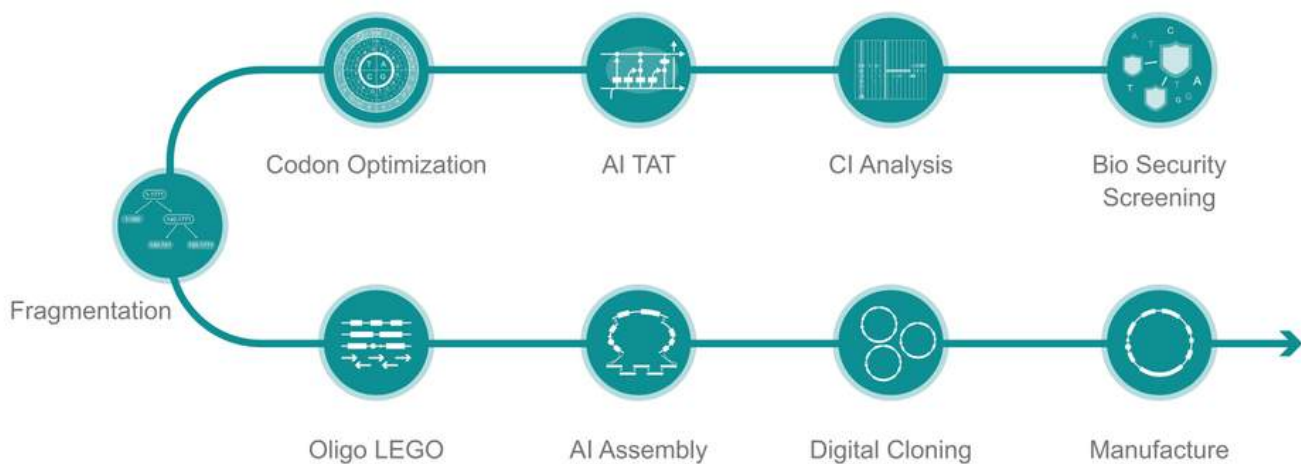
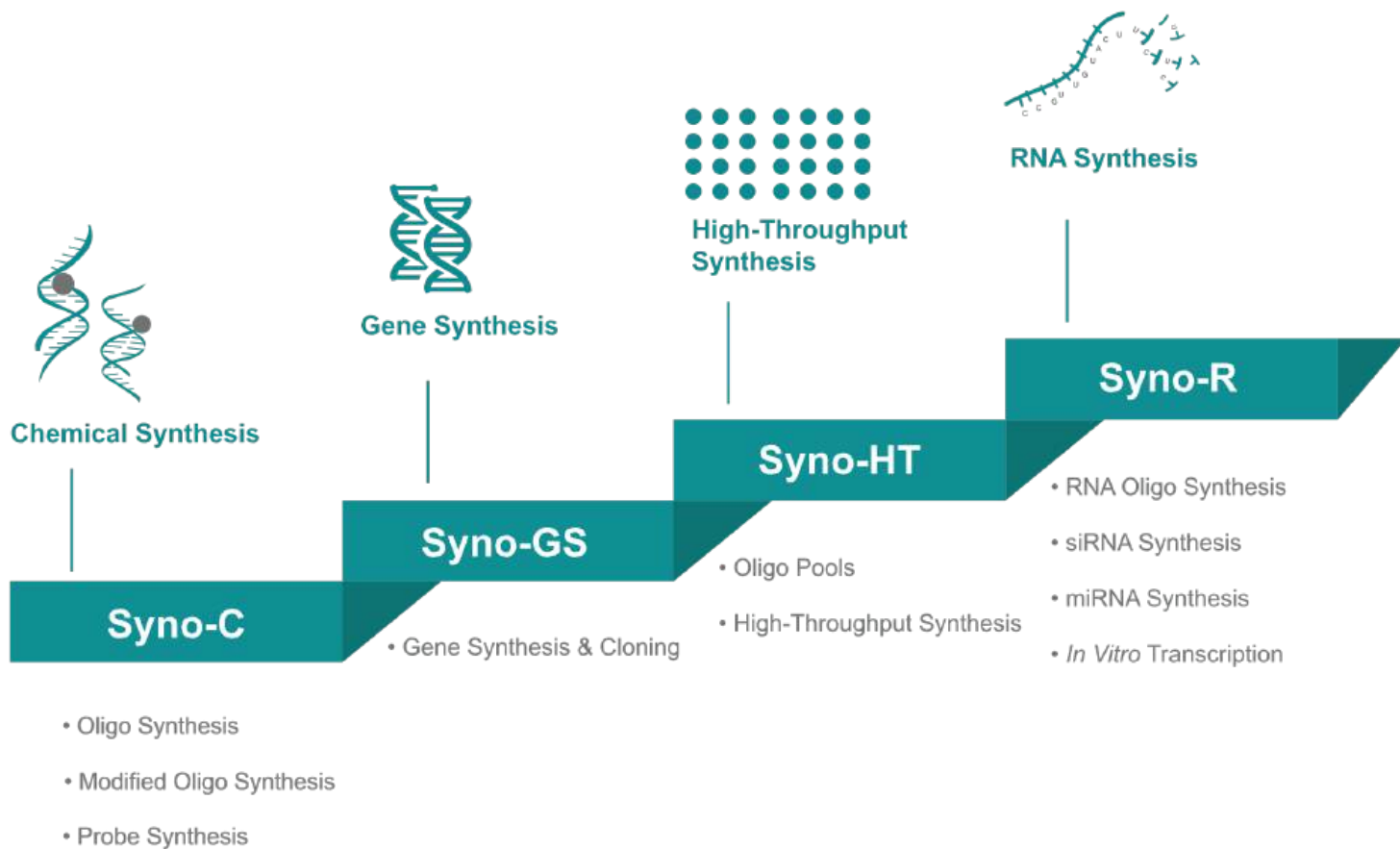
Bangalore



EXPERT
SERVICES

In Association with Synbio Technologies, NJ, USA

Synthesis Platform



Note: GST will be extra

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Bangalore

Oligosynthesis



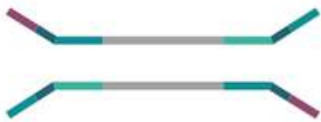
Molecular Diagnostics

- 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



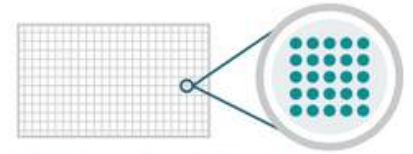
CRISPR Genome Editing

- ssDNA
- crRNA
- crRNA+tracrRNA



Protein/Antibody Function

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



Molecular Biology

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



Note: GST will be extra

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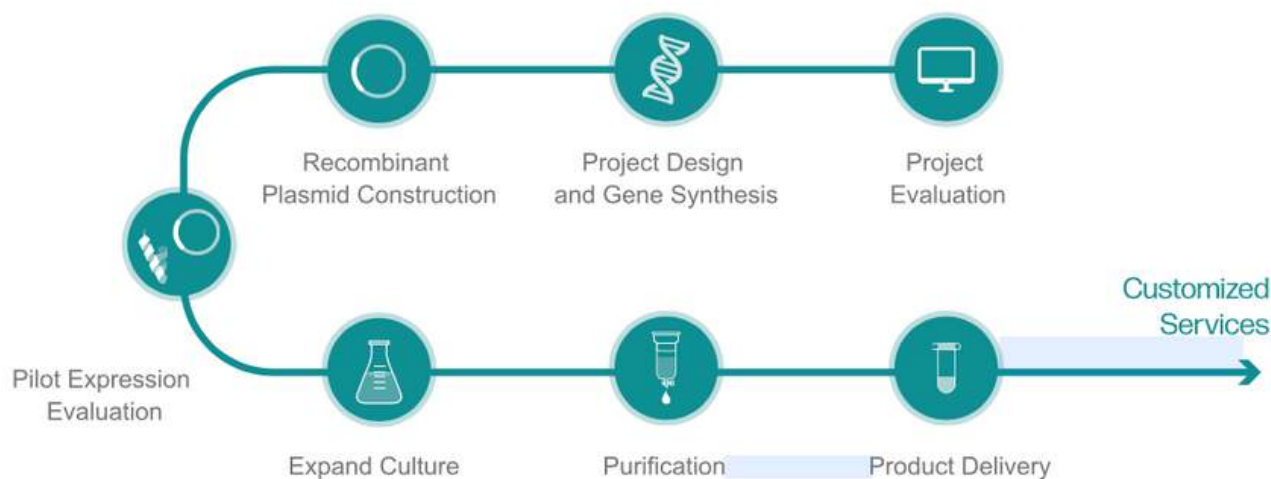
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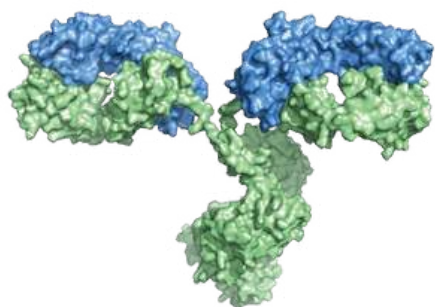
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Protein Expression & Purification services

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 $\geq 95\%$ and endotoxin levels $< 1\text{EU/mg}$, with prices that allow you to discover more while spending less.

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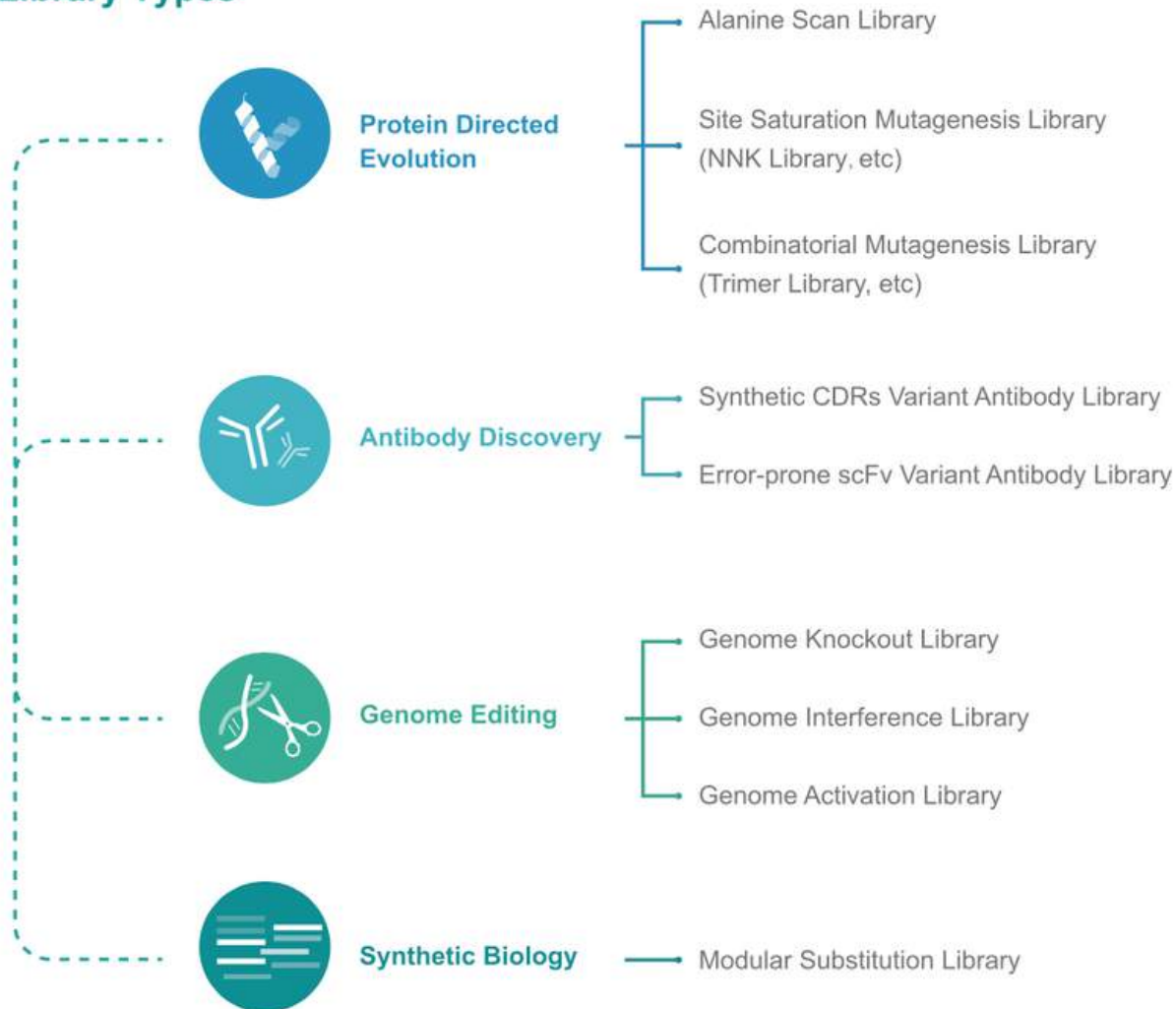


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Synthetic DNA Libraries

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.

Library Types



Note: GST will be extra

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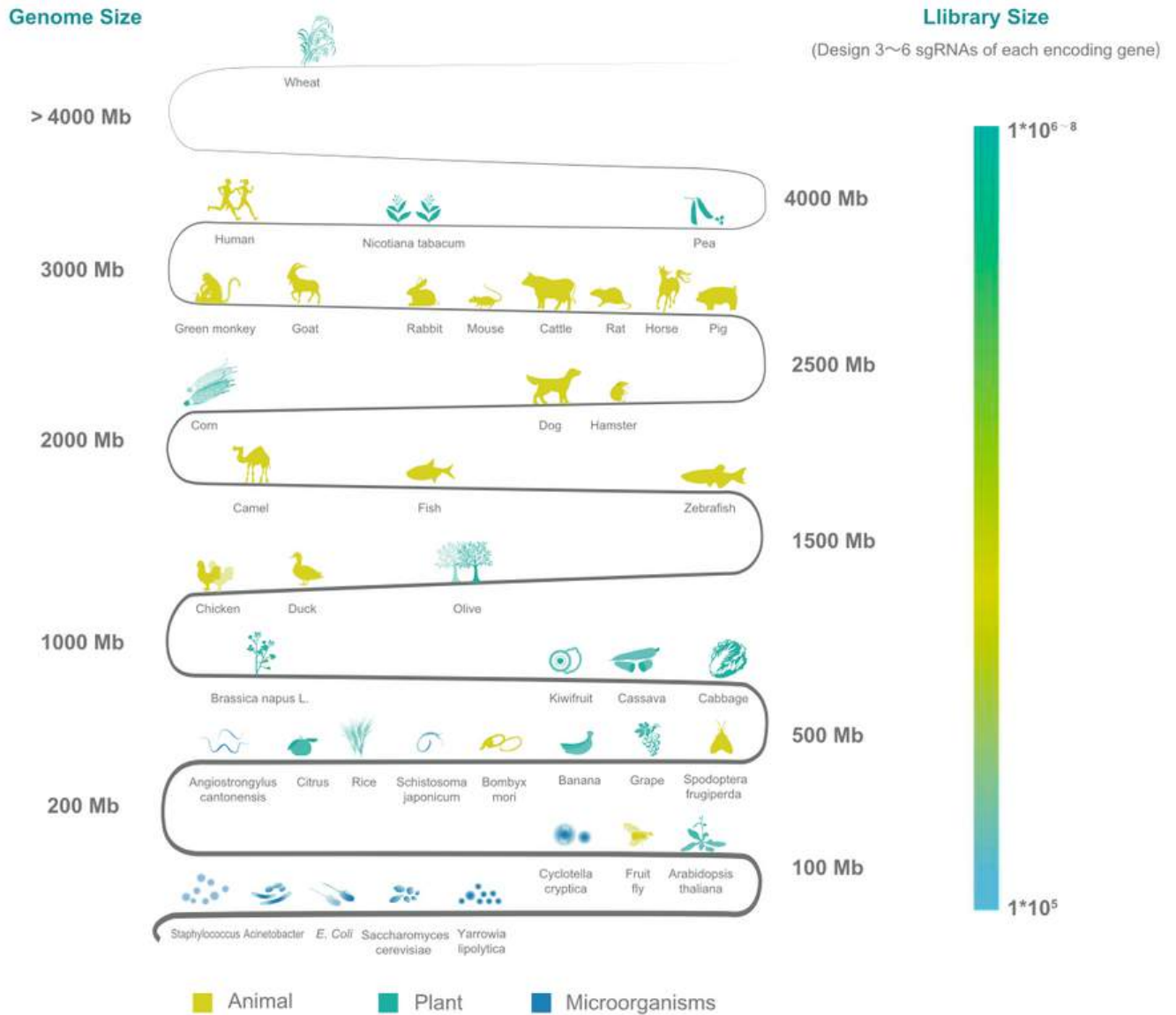
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Genome editing services

With the aid of our proprietary 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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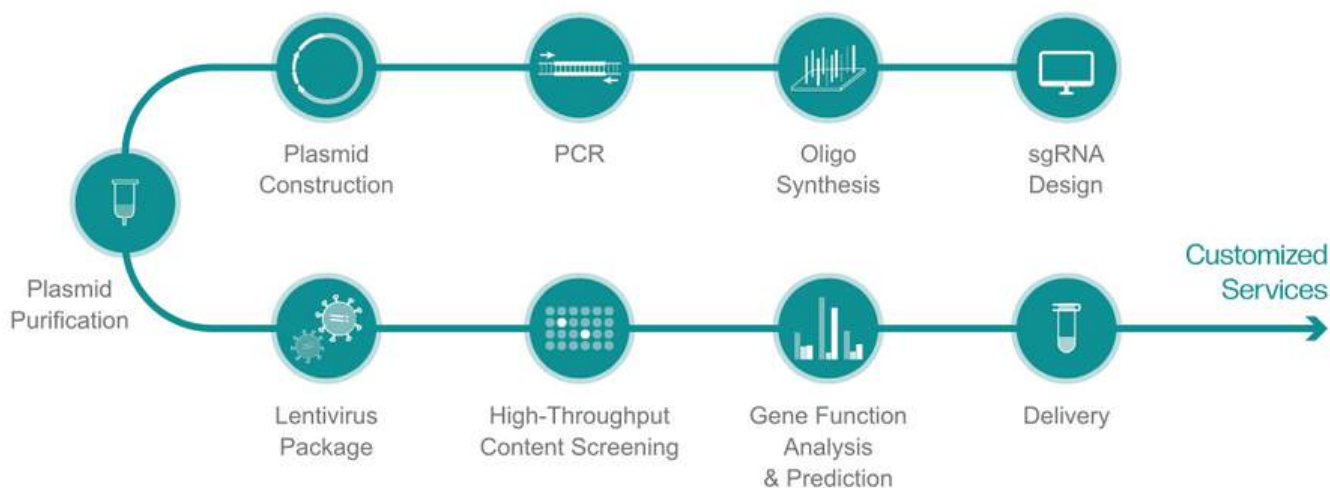
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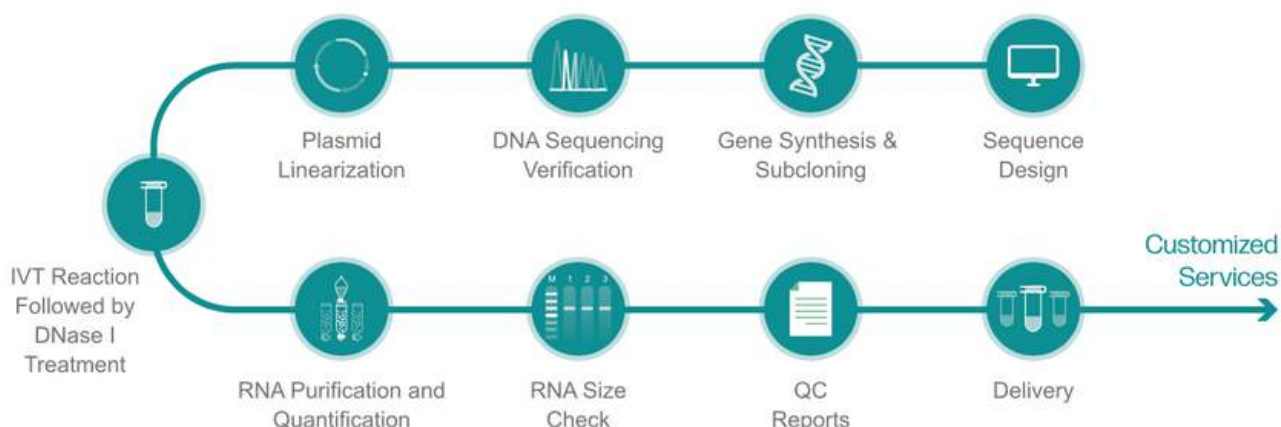
sgRNA Library synthesis

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 immunogenicity. The transcribed RNA molecules can be applied to a variety of research scenarios, such as gene editing, nucleic acid vaccine development, stem cell reprogramming, gene function research, gene diagnosis and structural research.



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