



A DSIR recognised R&D Facility

When research matters, demand accuracy...

**GCC BIOTECH INDIA PVT. LTD.**

An ISO 9001 : 2015 Certified Company

**PRICE LIST  
2019-20**





GCC Biotech Envisions becoming to life science company  
with a wide range of products for every life science researcher

## VISION



## MISSION



[www.gccbiotech.com](http://www.gccbiotech.com)

Endeavor to develop and provide novel methodology-integrated  
end-to-end solutions to achieve highest level of customer satisfaction



## About Us

The very thought of a successful business enterprise was a dream of the GCC group from the very inception of the company. With very limited resources and manpower and the aspiration to develop a home-grown Biotech Industry, GCC Biotech (India) Pvt. Ltd., started its journey in the year 2006 and soon achieved national accolade for being the fastest growing Biotech venture in Eastern India. With a goal to provide cutting-edge solutions and service to life science research at affordable cost. GCC Biotech has developed a fully functional well equipped Department of Science & Industrial Research (DSIR) Ministry of Science and Technology (Govt. of India) recognised R&D facility; an ISO 9001:2015 and ISO 13485: 2016 certified manufacturing facility.

Our R&D laboratory is based at Jaychandipur, Bakrahat in 24 Parganas district, near Kolkata, India. Highly qualified and experienced Scientists with expertise in cutting-edge technologies form the pillars of the company. We have dedicated groups related to molecular biology, genomics, protein purification, oligo synthesis, custom organic synthesis and bioinformatics for developing quality products. Our team consists of professionals with M.Sc, M.Tech or PhD with post-doctoral exposure with several years of Industrial experience.

GCC Biotech continues its tradition of reaching out to the Indian scientific community with innovative and world-class technologies for Life Science research. Our research groups offer end-to end research solutions with robust technical support that can handle email support, voice support, and online support with ease.

GCC Biotech continues to invest in R&D activities for development of innovative and cost effective solutions for life science research. Many of the products developed by GCC Biotech are already in wide use in reputed labs of the nation.

## Focus key areas of product development:

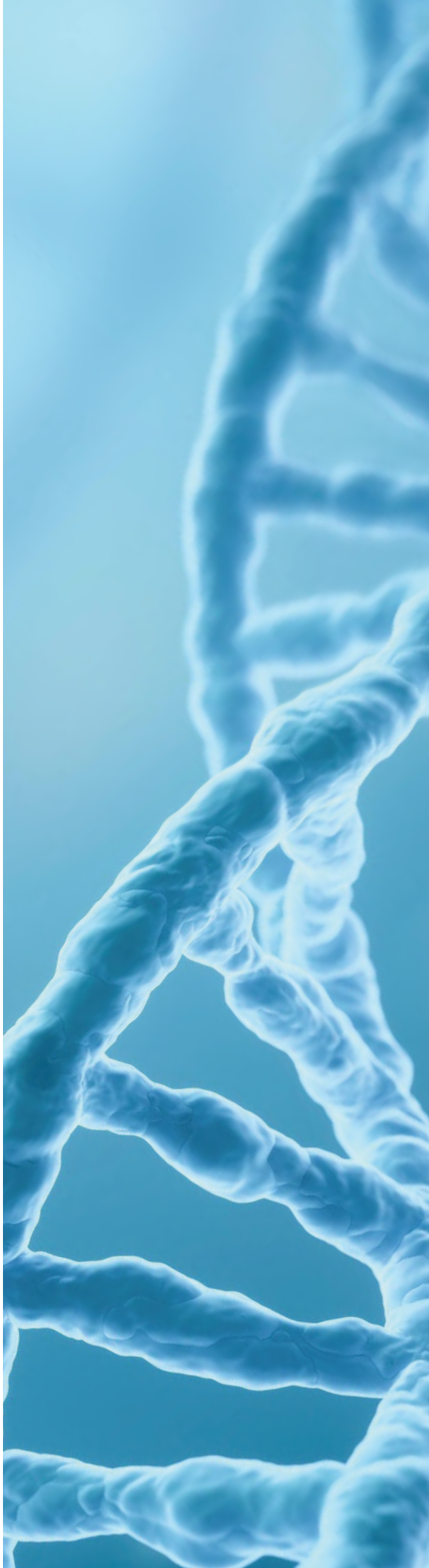
- Biochemicals for Molecular Biology, DNA, RNA & Protein related research.
- Extraction / Purification kits for use in life science research
- Antibodies for life science research
- Synthetic Organic molecules for research use
- Affordable diagnostic kits for disease detection

## Achievements :

We have already developed numerous kits, enzymes, and reagents for life science research. To enrich our product portfolio which is superior to our competitors in terms of quality and price, several new products with innovative ideas are in developmental phases. In fact several products have already been tested and relished internationally for their quality and performance. We are manufacturing several import-substitutes for life science research products.

## Performance :

In summary while GCC Biotech (India) Private Limited is proud to be the fastest growing biotech venture with a highly talented workforce and rich product portfolio. It will continue to thrive and develop so as to reach out the life scientists of the nation with newer, cheaper and more acceptable research solutions in the days to come, by bringing new ideas and technologies to help research scientists as well as common people.



We are  
Proud to be a  
**MAKE IN INDIA**  
Company



Regd. Office

Sales Office

#### New Delhi

351, BMK, Giri Nagar,  
Third floor, Kalkaji,  
New Delhi- 110019

#### Kolkata

15/1, plot no-345, Sahapur Collony,  
New Alipore, Kolkata-700053

#### Lab Office

Joychandipur Bakrahat,  
24 Parganas (South), PIN-743377  
Contact No: +91-33-24951044 - 24950004

#### Hyderabad

Plot No.8, H.No.4-81/5  
Veera Reddy Colony, Nacharam.  
Hyderabad 500076

#### Bangalore

33, 3rd A main road, First stage, AGB  
layout (geylera balaga),  
Mahalaxmipuram, Bangalore 560086

## Ordering and Technical Support

For your convenience, you may place your order with GCC biotech by the method that suits You may order via email, mail, or fax. Our highly efficient order processing center will process your order quickly and accurately

### ◆ Important Contacts

Order e-mail: [order@gccbiotech.co.in](mailto:order@gccbiotech.co.in)

[oligo@gccbiotech.co.in](mailto:oligo@gccbiotech.co.in)

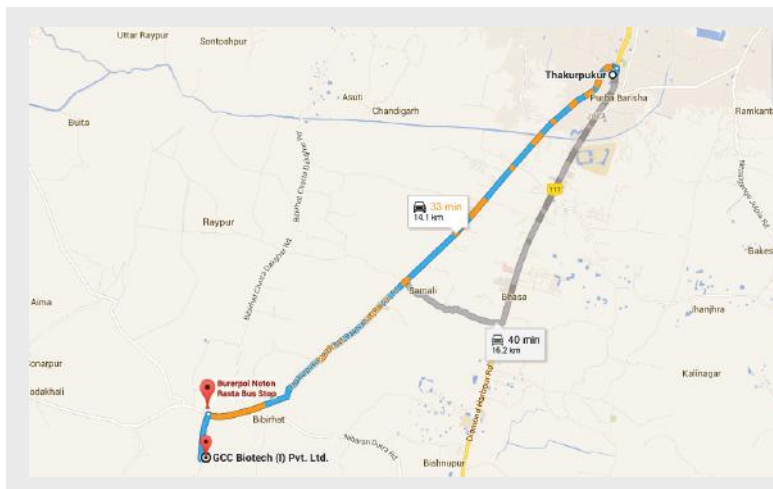
### ◆ Customer Support

e-mail: [info@gccbiotech.co.in](mailto:info@gccbiotech.co.in)

[tech.support@gccbiotech.co.in](mailto:tech.support@gccbiotech.co.in)

### ◆ Technical Support

e-mail: [tech.support@gccbiotech.co.in](mailto:tech.support@gccbiotech.co.in)



*We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far. live; they travel far.*

*Swami Vivekananda*

## Director's Note

What began a decade ago as an inspired thought is now becoming a reality- A company in India which is manufacturing Biotech products of high quality, A company which brings in innovative products to make research seamless and cheaper for the Indian Life Scientists.

This innovative spirit is a culture that is nurtured in the company - employees are encouraged to always think outside the box. We, at GCC Biotech have successfully created a team of dedicated scientists, technical support team, motivated sales and marketing team, back office and logistic team and moreover a work culture to "Do something BIG and something BETTER". Our motto is to offer excellence to our clients efficiently and consistently.

By innovating and introducing multiple products and technologies, we have been able to grow fast and prove profitable for ourself and our partners. With an expanding global economy, we foresee a rapid growth in demand and plan to double the size of our brand within the next three years.

Anticipating change, challenging the norm and visualizing the future are part and parcel of our everyday activities. With introduction of molecular diagnostic kits to our product portfolio after several years of R&D, we enter into a new phase of focused growth; taking our experience, expertise and ever-expanding capabilities to a new horizon in domestic and international arena.

Apart from the current product development for research use we have set our target to work for development of several more cheap and user-friendly diagnostic alternatives affordable to the major population of the country. In this mission we are committed and determined to devote our best efforts for building a healthier nation in the day ahead.

Thank you for supporting our endeavour and I look forward to a long lasting relationship with you. Your inspiration is our main strength.



**Anjana Majumdar**  
Director

**GCC BIOTECH INDIA PVT. LTD.**

*Anjana Majumdar*



**When research matters, demand accuracy...**

**Make In India**

**DNA  
Biology**

**RNA  
Biology**

**Protein  
Biology**

**Molecular  
Biology**

**Unmatched Quality  
and Performance in a new Perspective**



**GCC provides quality assured oligonucleotides using state of the art technologies at short turnaround time at affordable cost for your research needs**

## **Molecular Biology Services**

**GCC Biotech introducing advanced technology for molecular diagnostics.**

**Health Care**

**Veterinary  
Diagnostics**

**Plant Health**

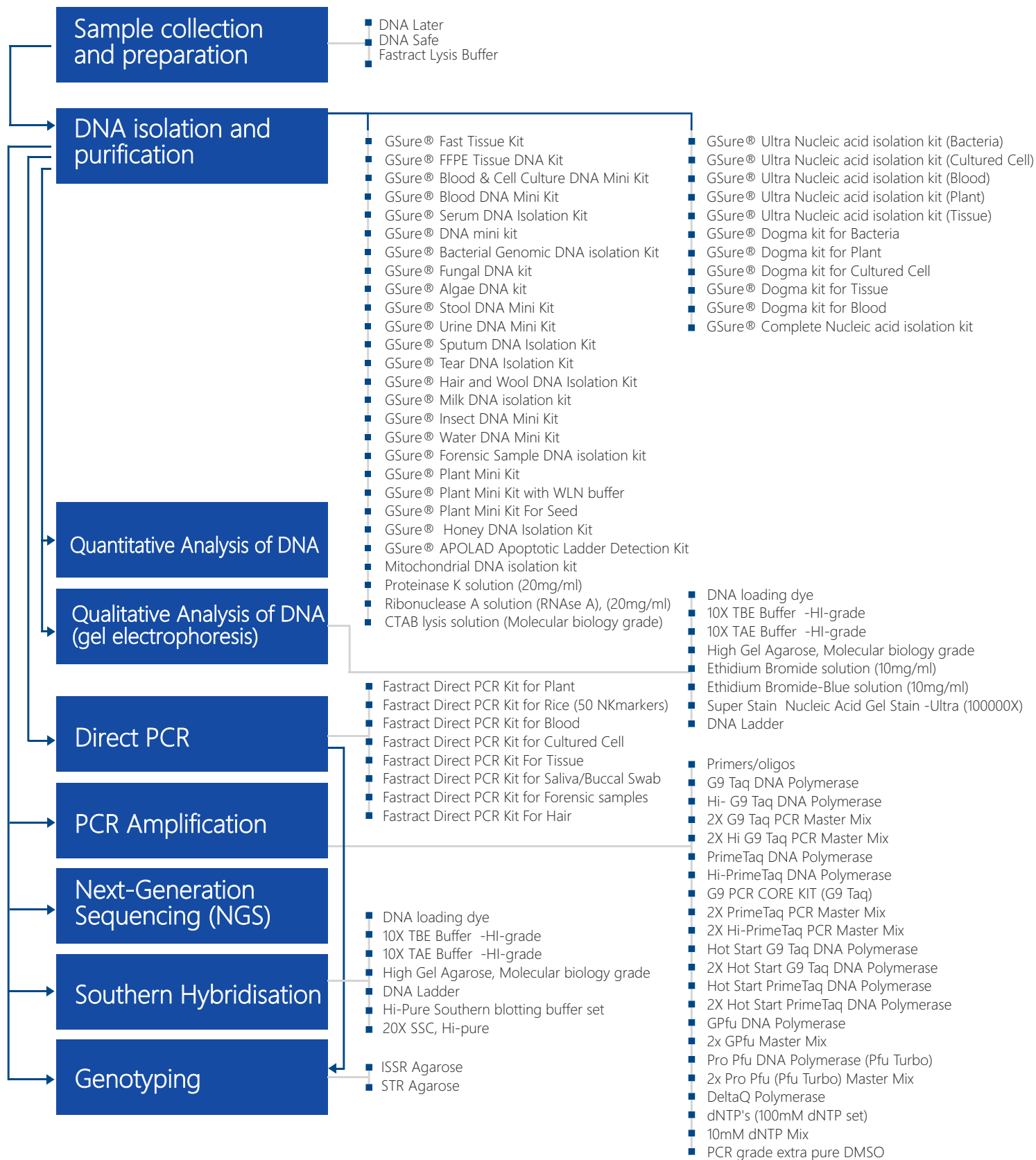
**Food Safety  
&  
Authenticity**

**GCC Biotech manufactures & supplies PCR Kits / RT-PCR Kits for specific, sensitive and accurate detection of clinically relevant pathogens. The goal is to outspread its expertise in enzymology to develop a sophisticated open platform that will support all isothermal amplification methods along with end-point PCR based technologies.**

# Content

SI. No.	Product	Page No.	SI. No.	Product	Page No.
<b>01</b>	<b>DNA Biology</b>	<b>01-03</b>	<b>06</b>	<b>Miscellaneous Reagents</b>	<b>20-21</b>
	<ul style="list-style-type: none"> <li>◆ DNA Extraction &amp; Purification Kits</li> <li>◆ Mitochondrial DNA isolation kits</li> <li>◆ Viral DNA Isolation Kits</li> <li>◆ Reagents</li> <li>◆ Gel Electrophoresis Reagents                             <ul style="list-style-type: none"> <li>◆ Gel Loading Dye</li> <li>◆ Ladder</li> <li>◆ Gel Stain</li> <li>◆ Running Buffer</li> <li>◆ Agarose</li> </ul> </li> </ul>			<ul style="list-style-type: none"> <li>◆ Chemical Reagents</li> <li>◆ Sequencing Reagents</li> <li>◆ Customable of 3130/3130XL Genetic Analyzer</li> <li>◆ Customables of 7500 Real Time PCR System</li> <li>◆ Customables of 3500 XL Genetic Analyzer</li> <li>◆ Customables of Fagment Analysis on Genetic</li> </ul>	
<b>02</b>	<b>RNA Biology</b>	<b>05-07</b>	<b>07</b>	<b>Oligo Synthesis</b>	<b>22-24</b>
	<ul style="list-style-type: none"> <li>◆ RNA Extraction &amp; Purification Kits</li> <li>◆ Viral RNA Isolation</li> <li>◆ RNA Extraction Reagents</li> <li>◆ RNA Electrophoresis Reagents</li> <li>◆ Agarose</li> </ul>		<b>08</b>	<b>Custom Services</b>	<b>27-36</b>
<b>03</b>	<b>Protein Biology</b>	<b>08-10</b>		<ul style="list-style-type: none"> <li>◆ Custom Gene Synthesis Services</li> <li>◆ DNA Extraction and Purification Services</li> <li>◆ DNA Gel Electrophoresis Services</li> <li>◆ RNA &amp; cDNA Synthesis Services</li> <li>◆ Real Time qPCR Services</li> <li>◆ PCR &amp; Cloning Services</li> <li>◆ Site Directed Mutagenesis Services</li> <li>◆ Custom Western Blotting Services</li> <li>◆ Protein Synthesis Services</li> <li>◆ Proteomics Services</li> <li>◆ DNA Sequencing Services</li> <li>◆ Microbial (Bacterial/ Fungal/ Yeast) Identification by Sequencing Analysis</li> <li>◆ Custom Genotyping Services</li> <li>◆ Project based genotyping analysis along with bioinformatics Support</li> <li>◆ Custom PCR based Diagnostic Kit Development</li> <li>◆ Custom RT-PCR based Diagnostic Kit Development</li> <li>◆ Custom PCR based Diagnostic Kit Development</li> <li>◆ Chemical Profiling Service</li> <li>◆ Organic Chemistry</li> <li>◆ HPLC Molecule Quantification</li> <li>◆ Analytical Service charges for NMR (500 MHZ)</li> <li>◆ Next Generation Sequencing Services</li> <li>◆ Soil metagenome analysis</li> <li>◆ Custom Bioinformatics Services / Metagenomics</li> <li>◆ De novo RNA-Seq Analysis</li> <li>◆ Reference Based RNA-Seq Analysis</li> <li>◆ Requirement from the customersAnalyzer</li> </ul>	
<b>04</b>	<b>Molecular Biology</b>	<b>11-16</b>	<b>09</b>	<b>Bioinformatics Software</b>	<b>37-38</b>
	<ul style="list-style-type: none"> <li>◆ CDNA , RNA &amp; Protein Isolation Kit</li> <li>◆ Nucleic Acid Isolation Kits</li> <li>◆ cDNA Synthesis Reagent</li> <li>◆ DNA Polymerases</li> <li>◆ 2X PCR Master Mix</li> <li>◆ 1X Colony PCR Mix</li> <li>◆ PCR Accessories</li> <li>◆ Fastract Direct PCR Kit</li> <li>◆ Real Time qPCR</li> <li>◆ Custom Taqman probe</li> <li>◆ TA Cloning Kit</li> <li>◆ Modifying Enzyms and Reagents and Reagents for Cloning</li> <li>◆ Competent Cells</li> <li>◆ Site Directed Mutagenesis</li> <li>◆ Products for Seed Technology</li> </ul>		<b>10</b>	<b>Small Instruments</b>	<b>40-42</b>
<b>05</b>	<b>Diagnostics Kits</b>	<b>17-18</b>	<b>11</b>	<b>Plastic Ware</b>	<b>43</b>
	<ul style="list-style-type: none"> <li>◆ Molecular Diagnostics Kit for Human</li> <li>◆ Molecular Diagnostics Kit for Aquaculture</li> <li>◆ Molecular Diagnostics Kit for Animal Veterinay Diseases</li> </ul>				

# DNA Biology





Cat.No.	Products	Pack	Price in ₹
<b>Reagents</b>			
GCR-2	PhOH:Chloroform:IIA. (pH 8) DNA Extraction Reagent MB grade	100 ml	8,960
GCR-3	Chloroform: Isoamyl alcohol- MB grade	100 ml	6,589
GCR-4	Tris saturated Phenol (pH 8)- MB grade	100 ml	9,263
GCR-7	Alkaline lysis solution pack (Solution 1, Solution 2 & Solution 3) (for Plasmid isolation)- 3 x100ml	100 ml	9,861
GCR-8	Alkaline lysis solution pack (Solution1, Solution2 & Solution3) (for Plasmid isolation)-3 x 500ml	500 ml	25,855
G46742	Proteinase K solution (20mg/ml)- MB grade	1 ml	6,532
G474B	Proteinase K solution (20mg/ml)- MB grade	1 ml X5	10,502
G4633	Ribonuclease A solution (RNase A), (20mg/ml)- MB grade	1 ml	5,409
G4634	Ribonuclease A solution (RNase A), (20mg/ml)- MB grade	5 ml	11,090
GCR-11A	CTAB lysis solution (MB grade)	50 ml	7,775
GCR-11	CTAB lysis solution (MB grade)	100 ml	10,853
GCR-12	CTAB lysis solution (MB grade)	500 ml	25,764
G8002	DNA Later	100 ml	8,721
G8002A	DNA Later	500 ml	37,369
G4704	DNA Safe	200 ml X2	16,621
GRBC01	RBCL Buffer	200 ml	6,646
GQ4571	G-Quant Picogreen dsDNA Quantification Kit	100ul X 5	22,050
GQ4571A	G-Quant Picogreen dsDNA Quantification Kit	100ul X10	35,095
<b>Gel Electrophoresis Reagents</b>			
<b>Gel Loading Dye</b>			
GCR-17	6X Gel loading dye (Single dye)	1 ml	1,402
GCR-18	6X Gel loading dye (Single dye)	1 ml X 5	2,839
GCR-18A	Hi-res 6X Gel loading dye (Single dye)	1 ml X 8	17,795
GCR-19	6X Gel loading dye (Double dye)	1 ml	1,533
GCR-20	6X Gel loading dye (Double dye)	1 ml X 5	3,295
GCR-20A	Hi-res 6X Gel loading dye (Double dye)	1 ml X 8	20,534
GCR-21	6X DNA Loading Dye (Triple Dye)	1 ml	2,058
GCR-22	6X DNA Loading Dye (Triple Dye)	1 ml X 5	4,799
GCR-22A	Hi-res 6X DNA Loading Dye (Triple Dye)	1 ml X 8	21,923
GCR-23	6X Orange DNA Loading Dye	1 ml	1,402
GCR-24	6X Orange DNA Loading Dye	1 ml X 5	2,804
GCR-24A	Hi-res 6X Orange DNA Loading Dye	1 ml X 8	22,230
<b>Ladder</b>			
G4666	50bp DNA Step Ladder	50 lanes	6,350

Cat.No.	Products	Pack	Price in ₹
G4667	100bp DNA Step Ladder	100 lanes	4,332
G4669	1kb DNA Ladder	100 lanes	5,449
G4670	Lambda DNA / HindIII Marker	100 ug	7,754
G4670A	Lambda DNA/HindIII Marker	50 ug	4,340
G7195	pBR322, BsuRI (HaeIII) Marker	50 ug	5,244
<b>Gel Stain</b>			
GCR-28	Ethidium Bromide solution (10mg/ ml)	500 ul	2,394
GCR-29	Ethidium Bromide solution (10mg/ ml)	500 ul X 5	10,545
GCR-211	Ethidium Bromide-Blue solution (10mg /ml)	500 ul	3,534
GCR-212	Ethidium Bromide-Blue Solution (10mg /ml)	500 ul X 5	12,825
G4708	Super Stain Nucleic Acid Gel Stain(20000X)	400 ul	5,894
G4708A	Super Stain Nucleic Acid Gel Stain (20000X)	400 ul X 4	16,228
G7193	Super Stain Nucleic Acid Gel Stain-Ultra (100000x)	250 ul X 2	44,285
G7194	Super Stain EtBr SAFE Blue Solution	400 ul	45,285
<b>Running Buffer</b>			
G4687	10X TBE Buffer-HI-grade	1000 ml	11897
G4688	10X TBE Buffer-HI-grade	1 LX10	47238
G4691	1X TBE Buffer-HI-grade	1000 ml	9837
G4696	1X TAE Buffer-HI-grade	1 L	7102
G4692	10X TAE Buffer-HI-grade	1000 ml	11197
G4693	25X TAE Buffer(MBgrade)	1 L X 10	84504
G4695	40X TAE Buffer-Hi-grade	1000 ml	17407
<b>Agarose</b>			
G4651	High Gel Agarose NEW, MB grade (DNA&RNA free)	100 g	6384
G4652	High Gel Agarose NEW, MB grade (DNA&RNA free)	500 g	15390
G4653	High Gel Agarose NEW, MB grade (DNA&RNA free)	1 kg	29412
G4655	ISSR Agarose	25 g	27132
G4656	ISSR Agarose	100 g	75012
G4657	ISSR Agarose	500 g	1,96,940
G4658	STR Agarose	25 g	24,624
G4660	STR Agarose	500 g	1,98,640
G4650LM25	LMP Agarose	25 g	12,392
G4650LM50	LMP Agarose	50 g	19,813
G4650LM100	LMP Agarose	100 g	38,509

Cat.No.	Products	Pack	Price in ₹
<b>DNA Extraction &amp; Purification Kits</b>			
G46121	GSure® Plasmid Mini kit	50 Prep	5,358
G4613	GSure® Plasmid Mini Kit	100 Prep	9,125
G46131	GSure® Plasmid Mini Kit	250 Prep	20,212
G4615	GSure® Plasmid Midi Kit	25 Prep	17,089
G4616	GSure® Plasmid Midi Kit	100 Prep	75,856
G4617	GSure® Plasmid Maxi Kit	10 Prep	17,864
G4618	GSure® Plasmid Maxi Kit	25 Prep	42,887
G4619	GSure® Plasmid Maxi Kit	100 Prep	1,46,814
G4628A	GSure® PCR Purification Kit	50 Prep	6,783
G4629	GSure® PCR Purification Kit	250 Prep	30,153
G4629A	GSure® Gel Extraction Kit	50 Prep	6,783
G4629C	GSure® Gel Extraction kit	250 Prep	30,506
G46221	GSure® Fast Tissue Kit	50 Prep	12,688
G46221A	GSure® Fast Tissue Kit	250 Prep	56,122
G4624A	GSure® Blood & Cell Culture DNA Mini Kit	50 Prep	12,916
G4624B	GSure® Blood & Cell Culture DNA Mini Kit	250 Prep	54,036
G4625	GSure® Blood DNA Mini Kit	50 Prep	7,444
G4626	GSure® Blood DNA Mini Kit	250 Prep	28,443
G45271	GSure® Serum DNA Isolation Kit	50 Prep	18,628
G4621	GSure® DNA Mini kit	50 Prep	6,532
G4621A	GSure® DNA Mini kit	250 Prep	27,343
G46211	GSure® Bacterial Genomic DNA Isolation Kit	50 Prep	11,377
G45331	GSure® Fungal DNA kit	50 Prep	19,768
G45333	GSure® Algae DNA kit	50 Prep	19,768
G4444	GSure® Soil DNA Isolation Kit	50 Prep	19,768
G46272	GSure® Stool DNA Mini Kit	50 Prep	17,952
G4545	GSure® Pathogen DNA Isolation Kit	50 Prep	17,952
G46272A	GSure® Urine DNA Mini Kit	50 Prep	16,952
G45273	GSure® Sputum DNA Isolation Kit	50 Prep	19,095
G45280	GSure® Hair and Wool DNA Isolation Kit	50 Prep	20,395
G45275	GSure® Milk DNA Isolation kit	50 Prep	20,395
G45276	GSure® Insect DNA Mini Kit	50 Prep	17,590
G45279	GSure® Forensic Sample DNA Isolation kit	50 Prep	10,465
G4620	GSure® Plant Mini Kit	50 Prep	10,807
G4620W	GSure® Plant Mini Kit with WLN buffer	50 Prep	15,299

Cat.No.	Products	Pack	Price in ₹
GCC1016-50R	GSure® DNA Isolation Kit from Mango Pulp	50 Prep	9,900
GCC1018-50R	GSure® DNA Isolation Kit from Pigeonpea	50 Prep	9,900
GCC1020-50R	GSure® DNA Isolation Kit from Banana	50 Prep	9,900
GCC1022-50R	GSure® DNA Isolation Kit from Chickpea	50 Prep	9,900
GCC1024-50R	GSure® DNA Isolation Kit from Okra (ladies' finger)	50 Prep	9,900
GCC1026-50R	GSure® DNA Isolation Kit from Pyne leaf	50 Prep	9,900
GCC1016-100R	GSure® DNA Isolation Kit from Mango Pulp	100 Prep	13,900
GCC1018-100R	GSure® DNA Isolation Kit from Pigeonpea	100 Prep	13,900
GCC1020-100R	GSure® DNA Isolation Kit from Banana	100 Prep	13,900
GCC1022-100R	GSure® DNA Isolation Kit from Chickpea	100 Prep	13,900
GCC1024-100R	GSure® DNA Isolation Kit from Okra (ladies' finger)	100 Prep	13,900
GCC1026-100R	GSure® DNA Isolation Kit from Pyne leaf	50 Prep	13,900
G4620Q	GSure® Sperm DNA Isolation Kit	50 Prep	15,299
G4620A	GSure® Plant Mini Kit	250 Prep	51,308
G4620AW	GSure® Plant Mini Kit with WLN buffer	250 Prep	68,172
G4531	GSure® Plant Mini Kit For Seeds	50 Prep	20,452
G4532	GSure® Plant Mini Kit For Seeds	250 Prep	87,552
G4619M	GSure® Plant Maxi Kit	20 Prep	44,175
G45321	GSure® APOLAD Apoptotic Ladder Detection Kit	50 Prep	22,652

## Mitochondrial DNA Isolation kits

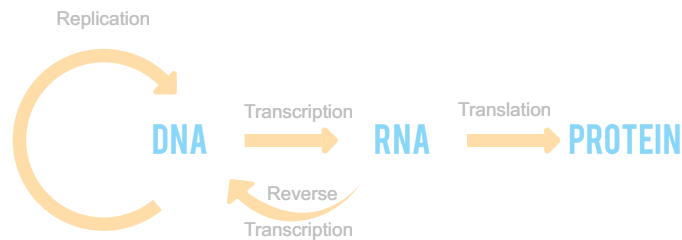
GM101B-50R	GSure® Mitochondrial DNA isolation kit from blood	50 Prep	57,680
GM101T-50R	GSure® Mitochondrial DNA isolation kit from tissue	50 Prep	57,680
GM101P-50R	GSure® Mitochondrial DNA isolation kit from plant	50 Prep	57,680
GM101B-100R	GSure® Mitochondrial DNA isolation kit from blood	100 Prep	81,000
GM101T-100R	GSure® Mitochondrial DNA isolation kit from tissue	100 Prep	81,000
GM101P-100R	GSure® Mitochondrial DNA isolation kit from plant	100 Prep	81,000

## Viral DNA Isolation Kits

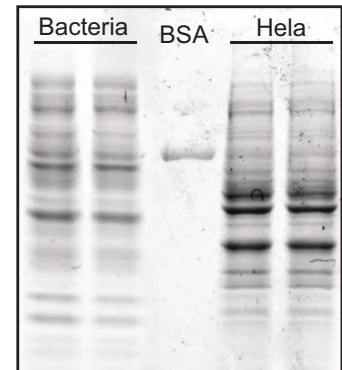
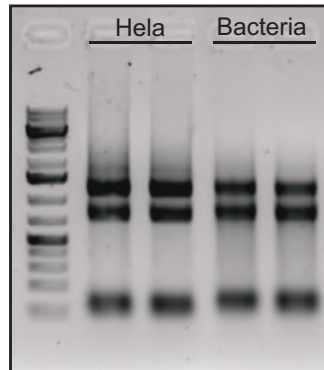
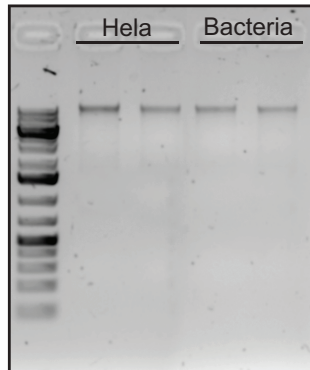
GV101P	GSure® Viral DNA Isolation Kit from Plant	50 Prep	21,600
GV101T	GSure® Viral DNA Isolation Kit from Tissue	50 Prep	21,600
GV101B	GSure® Viral DNA Isolation Kit from Blood	50 Prep	21,600



An ultimate kit for all your needs  
lets make your research more easier,  
more effective, more time saving....



- High quality **DNA** and **RNA** and **PROTEIN** from same sample
- Maximal yeilds from precious sample
- Column based procedure for rapid purification



DNA, RNA and protein was simulataneously isolated from bacteria, and HeLa cells using GSure® Dogma kit.

## GSure® DOGMA Kits

Plants | Blood | Tissue | Bacteria | Cell Culture

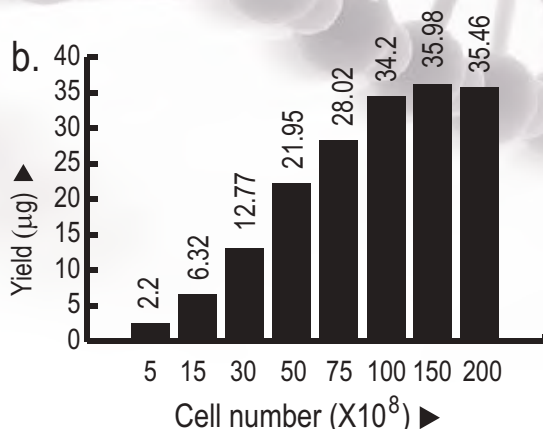
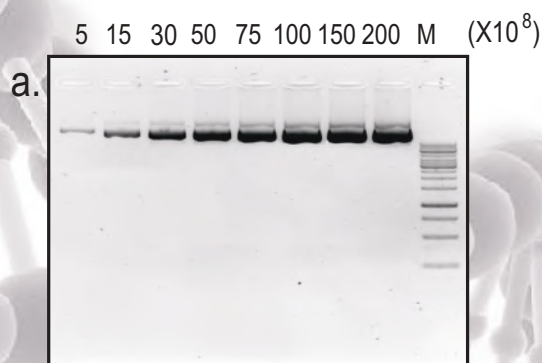
The GCC Biotech takes pride in  
developing products keeping  
your satisfaction on priority

*thats why*

## GSure® Plasmid DNA Kit

ensures

- ★ Higher DNA binding capacity, up to 37 µg
- ★ Lower Price
- ★ Less or no plasmid DNA endotoxin
- ★ Pure enough for transfection of mammalian cells
- ★ Better sequencing result
- ★ Complete restriction enzyme digestion



# RNA Biology

## Sample collection and preparation

- RNA Later
- RNase ZIP
- RNase ZIP S
- DEPC (Di-ethyl Pyrocarbonate)

## RNA isolation and purification

- GSure® Bacterial RNA isolation Kit
- GSure® Blood RNA isolation Kit
- GSure® Cell Culture RNA isolation Kit
- GSure® Plant RNA isolation Kit
- GSure® Tissue RNA isolation Kit
- GSure® Total RNA isolation Kit
- GSure® Simplex Tissue small RNA isolation kit
- GSure® Simplex Plant small RNA isolation kit
- GSure® Simplex Blood & Cultured cell small RNA isolation kit
- GSure® Simplex Bacteria small RNA isolation kit
- Trizol RNA extraction reagent
- Trizol LS RNA extraction reagent
- GSure® RNA Clean up kit
- Acid-Phenol:Chloroform, pH 4.5 (with IAA, modify 25:24:1)
- Ultra Pure DEPC treated water
- GSure® Ultra Nucleic acid isolation kit (Bacteria)
- GSure® Ultra Nucleic acid isolation kit (Cultured Cell)
- GSure® Ultra Nucleic acid isolation kit (Blood)
- GSure® Ultra Nucleic acid isolation kit (Plant)
- GSure® Ultra Nucleic acid isolation kit (Tissue)
- GSure® Dogma kit for Bacteria
- GSure® Dogma kit for Plant
- GSure® Dogma kit for Cultured Cell
- GSure® Dogma kit for Tissue
- GSure® Dogma kit for Blood
- GSure® Complete Nucleic acid isolation kit

## Quantitative analysis of RNA

## Qualitative analysis of RNA (gel electrophoresis)

- 2X Ribo load RNA Gel loading dye
- 10X MOPS Buffer
- Hi-Pure DEPC-treated water
- Formaldehyde
- High Gel Agarose, Molecular biology grade
- Ethidium Bromide solution (10 mg/ml)
- Ethidium Bromide-Blue solution (10 mg/ml)
- Super Stain Nucleic Acid Gel Stain -Ultra (100000X)
- 1kb DNASTep Ladder (0.25kb to 10kb)

## Reverse Transcription (cDNA synthesis)

## RNA Seq

- M-MLV Reverse Transcriptase, Rnase H minus
- Max M-MLV Reverse Transcriptase, Rnase H minus
- R2D 1st strand cDNA synthesis kit, Rnase H minus
- R2DFast 1st strand cDNA synthesis kit
- One Step Quick RT PCR Kit
- Dual Step Taq RT PCR Kit
- Oligo dT (50uM)
- Random Hexamer (50uM)
- Random Octamer (50 uM)
- dNTP's (100mM dNTP set)
- 10mM dNTP mix

## Quantitative PCR

- 2X H-eff qPCR mastermix, ROX





Cat.No.	Products	Pack	Price in ₹
<b>RNA Extraction &amp; Purification Kits</b>			
GR1001	GSure® Bacterial RNA isolation Kit	50 Prep	19,016
GR1002A	GSure® Blood RNA isolation Kit	20 Prep	10,686
GR1002	GSure® Blood RNA isolation Kit	50 Prep	19,016
GR1002B	GSure® Blood RNA isolation Kit	250 Prep	92,689
GR1003A	GSure® Cell Culture RNA isolation Kit	20 Prep	10,698
GR1003	GSure® Cell Culture RNA isolation Kit	50 Prep	19,016
GR1003B	GSure® Cell Culture RNA isolation Kit	250 Prep	92,689
GR1004A	GSure® Plant RNA isolation Kit	20 Prep	10,413
GR1004	GSure® Plant RNA isolation Kit	50 Prep	23,764
GR1004B	GSure® Plant RNA isolation Kit	250 Prep	1,04,339
GCC1017-50R	GSure® RNA Isolation Kit from Mango Pulp	50 Prep	21,300
GCC1019-50R	GSure® RNA Isolation Kit from Pigeonpea	50 Prep	26,000
GCC1021-50R	GSure® RNA Isolation Kit from Banana	50 Prep	20,000
GCC1023-50R	GSure® RNA Isolation Kit from Chickpea	50 Prep	26,000
GCC1025-50R	GSure® RNA Isolation Kit from Okra (ladies' finger)	50 Prep	26,000
GCC1027-50R	GSure® RNA Isolation Kit from Pyne leaf	50 Prep	26,000
GCC1017-100R	GSure® RNA Isolation Kit from Mango Pulp	100 Prep	31,300
GCC1019-100R	GSure® RNA Isolation Kit from Pigeonpea	100 Prep	36,000
GCC1021-100R	GSure® RNA Isolation Kit from Banana	100 Prep	31,000
GCC1023-100R	GSure® RNA Isolation Kit from Chickpea	100 Prep	36,000
GCC1025-100R	GSure® RNA Isolation Kit from Okra (ladies' finger)	100 Prep	36,000
GCC1027-100R	GSure® RNA Isolation Kit from Pyne leaf	100 Prep	36,000
GR1005A	GSure® Tissue RNA isolation Kit	20 Prep	10,413
GR1005	GSure® Tissue RNA isolation Kit	50 Prep	19,016
GR1005B	GSure® Tissue RNA isolation Kit	250 Prep	92,689
GR1006A	GSure® Total RNA isolation Kit	20 Prep	9,937
GR1006	GSure® Total RNA isolation Kit	50 Prep	17,350
GR1006B	GSure® Total RNA isolation Kit	250 Prep	69,127
GR1007	GSure® RNA Cleanup kit	50 Prep	34,486
GR1007B	GSure® RNA Cleanup kit	250 Prep	1,33,685
GR1004R	TRIZIN-XpRNA Isolation Kit (From Rice)	50 Prep	26,109
GRS1006A	GSure® Simplex small RNA isolation kit	20 Prep	12,352
GRS1006	GSure® Simplex small RNA isolation kit	50 Prep	28,536
GR1008	GSure® RNA isolation for yeast	50 Prep	17,900

Cat.No.	Products	Pack	Price in ₹
<b>Viral RNA Isolation Kits</b>			
GV101P	GSure® Viral RNA Isolation Kit from Plant	50 Prep	21,600
GV101T	GSure® Viral RNA Isolation Kit from Tissue	50 Prep	21,600
GV101B	GSure® Viral RNA Isolation Kit from Blood	50 Prep	21,600
<b>RNA Extraction Reagents</b>			
G31C	Trizin RNA extraction reagent	100 ml	9,639
G31D	Trizin RNA extraction reagent	200 ml	18,802
G7197	Trizin LS RNA extraction reagent	100 ml	17,683
G7197A	Trizin LS RNA extraction reagent	200 ml	28,330
GCR-32	AcidPhoH Chloroform, pH4.5 (with AA, modify 25:24:1)	100 ml	10,377
GCR-33	AcidPhoH Chloroform, pH4.5 (with AA, modify 25:24:1)	400 ml	33,760
G46481C	RNA Later	10 ml X10	20,111
G46481D	RNA Later	5 ml X 20	22,491
G46481A	RNA Later	50 ml	8,604
G46481	RNA Later	100 ml	10,662
G46482	RNA Later	500 ml	34,153
G46481B	RNA Later	1 L	42,372
G7111	Rnase ZIP	200 ml	5,839
G7111A	Rnase ZIP	200 ml X 2	8,996
G7111B	Rnase ZIP	200 ml X 6	17,739
G4649	Rnase ZIPS SAFE	200 ml	18,232
G4649A	Rnase ZIP SAFE	200 ml X 6	77,731
G28	Hi-Pure DEPC-treated water (RNA grade) (0.22u filtered)	1ml X 5	3,213
G30	Hi-Pure DEPC-treated water	100 ml X4	7,872
G31	Hi-Pure DEPC-treated water	1 L	7,507
G31A	Hi-Pure DEPC-treated water	5 L	41,983
G7196	Ultra Pure DEPC treated water	1 ml X 5	4,641
G7196A	Ultra Pure DEPC treated water	25 ml	14,875
G4762	DEPC (Di-ethyl Pyrocarbonate)	50 ml	8,973
G4762A	DEPC (Di-ethyl Pyrocarbonate)	100 ml	18,231
GCR-30	RNA grade Nuclease free water	50 ml X 2	5,593
GCR-31	RNA grade Nuclease free water	50 ml X 5	9,294
<b>RNA Electrophoresis Reagents</b>			
GCR-A3	2X Riboload RNA Gel loading dye	1ml X 5	8,996
GCR-B3	2X Riboload RNA Gel loading dye	1 ml	2,511
GCR-C3	10X MOPS Buffer	100 ml	7,390
GCR-D3	10X MOPS Buffer	500 ml	21,872
GCR-E3	1X MOPS Buffer	1 L	16,898
GCR-D4	Formaldehyde	500 ml	6,813
GCR-5	1M Tris.HCl (pH8) (Nuclease free)	100 ml	3,525

Cat.No.	Products	Pack	Price in ₹
<b>GCR-6</b>	10mM Tris.HCl buffer (pH8) (Nuclease free)	100 ml	<b>2,747</b>
<b>G4705</b>	3M Sodium Acetate, (pH-5.2) MB grade	100 ml	<b>5,593</b>
<b>G4706</b>	TE Buffer 10mM (Nuclease free)	100 ml	<b>4,599</b>
<b>G4707</b>	TE Buffer 100mM (Nuclease free)	100 ml	<b>5,599</b>

Cat.No.	Products	Pack	Price in ₹
<b>Agarose</b>			
<b>G4651</b>	High Gel Agarose NEW, MB grade ( DNA & RNA free)	100 g	<b>6,384</b>
<b>G4652</b>	High Gel Agarose NEW, MB grade ( DNA & RNA free)	500 g	<b>15,390</b>
<b>G4653</b>	High Gel Agarose NEW, MB grade ( DNA & RNA free)	1 Kg	<b>29,412</b>
<b>G4650LM25</b>	LMP Agarose	25 g	<b>12,392</b>
<b>G4650LM50</b>	LMP Agarose	50 g	<b>19,813</b>
<b>G4650LM100</b>	LMP Agarose	100 g	<b>38,509</b>

Your research is unique.

Your Kit should be unique too...

**RNA isolated from Plant (Chick pea) using GSure® Plant RNA isolation kit**

**RNA isolated from Blood using GSure® Blood RNA isolation kit**

**RNA isolated from Cell culture using GSure® Cell culture RNA isolation kit**

**RNA isolated from Tissue using GSure® Tissue RNA isolation kit**

**RNA isolated from Bacteria using GSure® Bacteria RNA isolation kit**

## GSure® RNA Isolation Kits

Plants | Blood | Tissue | Bacteria | Cell Culture



# PROTEIN Biology

## Sample preparation (Protein extraction)

- Glyse RIPA Buffer GLB 01
- Glyse RipaPhoslock Buffer GLB 03
- GlyseB (Bacterial lysis buffer) GLB 05
- GlysePL (Plant leaf lysis buffer) GLB 09
- GlyseM (Mammalian Cell lysis buffer) GLB 07
- GlyseCC (Protein Extraction From Culture Cell) GLB13
- GlyseAT (Animal Tissue Lysis Buffer) GPA-004
- Glyse PT (Plant Tissue Lysis Buffer) GPA-006
- Glyse IB Solubilization Reagents

## Gel electrophoresis of Protein

- G-bond Ni-IDA Agarose Bead
- G-bond Ni-NTA Agarose Bead
- G-His Protein Purification Kit
- Empty Affinity Chromatography Columns

## Protein Quantative Measurement

- G-Quant Bradford Reagent GPQ 01
- BCA Protein Assay Kit GPQ10
- RComp BCA Protein Assay Kit GPQ14
- 2D Cleanup Kit-GDP02

## Gel electrophoresis of Protein

- 2x SDSPAGE sample loading buffer GPC-005
- 20% SDS Solution G4632A
- 30% Acrylamide:bis-acrylamide solution (29:1) GPC-008
- Beta-mercaptoethanol GPC-009
- 1M Tris.Cl, pH 6.8, for electrophoresis GPC-011
- 1.5M Tris.Cl pH8.8, for electrophoresis GPC-012
- Ammonium Per sulfate GPC-015
- 10X Tris-Glycine-SDS PAGE running buffer GPC-003
- Prestain Protein Wide range ladders GCR-P4MC
- Gel Drying Kit GD1714

## Protein Qualitative Measurement

- Coomassie protein gel staining solution GCR-P2
- SNAP Blue Stain GSB501
- SARP Stain Plus Protein Gel Staining Kit GPSP101
- G-SNAP in-gel protein visualization reagent GPSN102
- SARP Stain

## Membrane stain

- Ponceau S, ready to use
- protein on membrane staining solution GCR-1W

## Blocking & washing

- Fat free dry milk G4659
- 10X TBS buffer for Western Blot, Hi-pure GCR-1T
- 10X TBST buffer for Western Blot, Hi-pure GCR-2T
- 10X PBS buffer for Western Blot, Hi-pure GCR-3P
- 10X PBST buffer for Western Blot, Hi-pure GCR-4P
- Western Blot Stripping Buffer GCR-101

## Chromogenic detection

- DAB (3,3'-Diaminobenzidine tetra hydrochloride) G7155
- BCIP/NBT Color Development Substrate (ready to use) G4764B
- TMB/H2O2 Chromogenic substrate solution (ready to use) G4765
- Phosphate citrate buffer GCR102

## Chemiluminescent detection

- LumiFly® ECL Western Blotting Substrate G7134
- LumiFly® Fast ECL Western Blotting Kit
- LumiFly® Prime ECL Western Blotting Kit

**Good things come  
to those who try**

**GSure®  
Fungus  
DNA isolation Kit**



**TRY a  
kit for  
FREE**

**GSure®  
Inscet  
DNA isolation Kit**



Cat.No.	Products	Pack	Price in ₹
<b>Protein Extraction Buffers</b>			
GLB01	GLyse® RIPA Buffer	50 ml	7,273
GLB02	GLyse® RIPA Buffer	500 ml	37,118
GLB03	GLyse® Ripa Phoslock Buffer	50 ml	8,744
GLB04	GLyse® Ripa Phoslock Buffer	500 ml	48,279
GLB05	GLyse® B (Bacterial lysis Buffer)	50 ml	7,102
GLB06	GLyse® B (Bacterial lysis Buffer)	500 ml	37,118
GLB07	GLyse® M (Mammalian cell lysis Buffer)	50 ml	7,490
GLB08	GLyse® M (Mammalian cell lysis Buffer)	250 ml	20,041
GLB09	GLyse® PL (Plant Leaf lysis Buffer)	50 ml	7,490
GLB10	GLyse® PL (Plant Leaf lysis Buffer)	250 ml	20,041
GLB13	GLyse® CC (Protein Extraction From Culture Cell)	50 ml	7,387
GLB14	GLyse® CC (Protein Extraction From Culture Cell)	500 ml	40,447
GPA-004	GLyse® AT(Animal Tissue Lysis Buffer)	50 ml	7,490
GPA-005	GLyse® AT(Animal Tissue Lysis Buffer)	500 ml	38,236
GPA-006	GLyse® PT (Plant Tissue Lysis Buffer)	50 ml	7,490
GPA-007	GLyse® PT (Plant Tissue Lysis Buffer)	250 ml	20,041

## Protein Quantitation Kits and Reagents

GPQ 01	G-Quant Bradford Reagent 1X	500 ml	8,596
GPQ 02	G-Quant Bradford Reagent 1X	1000 ml	9,986
GPQ 03	G-Quant Bradford Reagent 5X	100 ml	7,843
GPQ 04	G-Quant Bradford Reagent 5X	200 ml	11,252
GPQ 10	BCA Protein Assay Kit	500 ml	12,990
GPQ 11	BCA Protein Assay Kit	1000 ml	22,000
GPQ 14	Rcomp BCA Protein Assay Kit	50 ml	9,000
GPQ 15	Rcomp BCA Protein Assay Kit	100 ml	13,500

## Reagents and Kit for Protein Expression and Purification

GPC-01A	Hi-bind Ni-NTA Agarose Bead	10 ml	10,119
GPC-01B	Hi-bind Ni-NTA Agarose Bead	25 ml	14,658
GPC-01C	Hi-bind Ni-NTA Agarose Bead	50 ml	27,377
GPC-01D	Hi-bind Ni-NTA Agarose Bead	100 ml	51,300
GBI-01A	GBond Ni-IDA Agarose Bead	10 ml	9,321
GBI-01B	GBond Ni-IDA Agarose Bead	25 ml	13,518
GBI-01C	GBond Ni-IDA Agarose Bead	50 ml	23,957
GBI-01D	GBond Ni-IDA Agarose Bead	100 ml	47,880
GEB9A	2X Lysis/equilibration buffer	100 ml X2	9,809

Cat.No.	Products	Pack	Price in ₹
GEB9B	2X Lysis/equilibration buffer	250 ml X2	13,970
GEB9C	2X Lysis/equilibration buffer	500 ml X2	24,603
GWB9A	His Protein Purification-Wash Buffer	500 ml	7,809
GWB9B	His Protein Purification-Wash Buffer	1000 ml	14,022
GEB9D	His Protein Purification-Elution Buffer	50 ml	4,936
GEB9E	His Protein Purification-Elution Buffer	250 ml	12,809
GDH01	G-His protein purification kit (Ni-IDA Based)	20 Prep	47,755
GDH02A	G-His protein purification kit (Ni-NTA based)	5 Prep	16,302
GDH01A	G-His protein purification kit (Ni-IDA based)	5 Prep	15,390
GDH02C	G-His protein purification kit. (Ni-NTA based)	20 Prep	49,459
GCP1001	6 ml Empty Affinity Chromatography Columns with Caps and frits	5 pcs	14,193
GCP1002	12 ml Empty Affinity Chromatography Columns with Caps and frits	5 pcs	18,913
GPC1003	30 ml Empty Affinity Chromatography Columns with Caps and frits	2 pcs	6,783
GGC006	Gravity Flow Columns 3ml/6ml, Long- Form	5 pcs	25,057
GPIB-01C	GLyse® IB Solubilization reagents	2 X 25 ml	8,579
GCR-9	Lysozyme (10mg/ml) in 10mM Tris-HCl, pH 8.0 (MB grade)	1 ml	7,706
GPC-022	Gpure protein precipitation kit	50 Prep	9,986
GPQ 21	PP Reconstitution Buffer	100 Prep	4,500
GPQ 20S	Protein Cleanup Kit	25 Prep	8,530
GPQ 20M	Protein Cleanup Kit	100 Prep	23,840
GPC-016	X-Gal solution, 20mg/ ml, Ready to use	1 ml	2,394
GPC-017	X-Gal solution, 20mg/ ml, Ready to use	1 ml X 5	14,090
GPC-018	100mM IPTG solution, Ready to use	1 ml	5,928
GPC-019	100mM IPTG solution, Ready to use	1ml X 5	19,494
GPC-020	IPTG, Dioxane-Free, Inducer	5 g	9,519
GPC-02	5M NaCl	100 ml	3,762
GPC-03	5M Imidazole	100 ml	4,332
GIP02	2D CleanUp Kit	50 Prep	16,598

## Gel Electrophoresis Reagents

GPC-005	2X SDS PAGE sample loading buffer	1 ml	2,622
GPC-006	2X SDS PAGE sample loading buffer	1 ml X 5	6,954
G4632	10% SDS Solution	100 ml	4,503
G4632A	20% SDS Solution	100 ml	5,928

Cat.No.	Products	Pack	Price in ₹
GPC-008	30% Acrylamide:bis-acrylamide solution(29:1)	100 ml	6,498
GPC008A	30% Acrylamide:bis-acrylamide solution(29:1)	250 ml	7,752
GPC008B	40% Acrylamide:bis-acrylamide solution(19:1)	100 ml	6,954
GPC008C	40% Acrylamide:bis-acrylamide solution(19:1)	250 ml	9,357
GPC-009	Beta-mercaptoethanol	1 ml	9,405
GPC-010	Beta-mercaptoethanol	1ml X 5	17,476
GPC-011	1M Tris.HCl ( pH 6.8) for electrophoresis	100 ml	7,695
GPC-0121	1.5M Tris.HCl ( pH 8.8) for electrophoresis	250 ml	8,311
GPC-130	TRIS TRICINE SDS cathode Buffer (10X)	100 ml	5,130
GPC-131	TRIS TRICINE SDS cathode Buffer (10X)	500 ml	9,690
GPC-132	TRIS TRICINE SDS cathode Buffer (10X)	1 L	17,670
GPC-133	TRIS TRICINE SDS anode Buffer (10X)	100 ml	2,850
GPC-134	TRIS TRICINE SDS anode Buffer (10X)	500 ml	7,410
GPC-135	TRIS TRICINE SDS casting Buffer (3X)	100 ml	4,218
GPC-136	TRIS TRICINE SDS Sample Buffer (2X)	1ml x 5	8,322
GPC-013	Extrapure Water for electrophoresis	1 L	4,309
GPC-014	Extrapure Water for electrophoresis	1 L X 5	18,890
GPC-015	Ammonium Per sulfate	25 g	4,110
GPC-021	TEMED, Mol Bio Grade	20 ml	4,233
GPC-003	10X Tris-Glycine-SDS PAGE Running buffer	1 L	6,259
GPC-004	Ready to use Tris-Glycine-SDS PAGE Running buffer	1L X 5	9,952
GCR-P1	10X PBS,pH7.2	1 L	8,117
GCR-P5	1X PBS,pH7.2	5L	13,817
GD1714	Gel Drying Kit	50 Sheet	2,800
GD1714A	Gel Drying Film	50 Sheet	2,000

### Reagents for Western Blot / ELISA

GCR-1T	10X TBS buffer for western, Hi-pure	1 L	8,117
GCR-5T	1X TBS buffer for western, Hi-pure	5 L	13,817
GCR-2T	10X TBST buffer for western, Hi-pure	1 L	8,117
GCR-3P	10X PBS buffer for western, Hi-pure	1 L	8,117
GCR-4P	10X PBST buffer for western, Hi-pure	1 L	8,128
GCR-101	Western Blot Stripping Buffer	500 ml	7,148
GCR-102	Phosphate Citrate Buffer	100 ml	1,197
GCR-103	Phosphate Citrate Buffer	500 ml	1,790

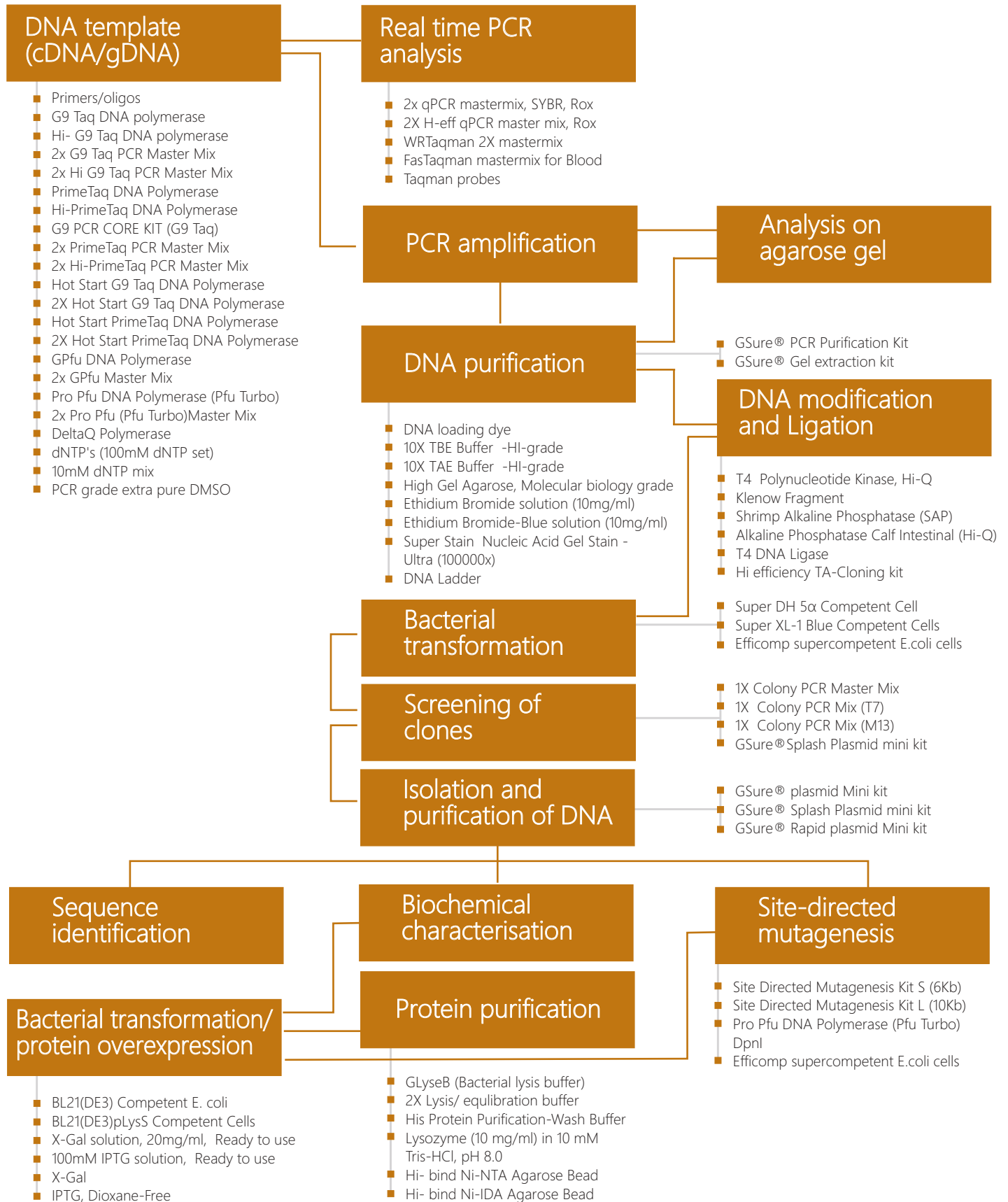
Cat.No.	Products	Pack	Price in ₹
GCR-104	Phosphate Citrate Buffer with H <sub>2</sub> O <sub>2</sub> (for ELISA)	100 ml	2,360
GCR-105	Phosphate Citrate Buffer with H <sub>2</sub> O <sub>2</sub> (for ELISA)	500 ml	4,252
G4764A	BCIP/NBT Color Development (Substrate 50 ml)	50 ml	8,093
G4764B	BCIP/NBT Color Development (Ready to use)	50 ml	8,093
G4765A	TMB/ H <sub>2</sub> O <sub>2</sub> Chromogenic substrate solution, 50ml,	50 ml	7,842
G4765B	TMB/ H <sub>2</sub> O <sub>2</sub> Chromogenic substrate solution, 50 ml, ready to use	50 ml	7,842
G7155	DAB (3,3'-Diaminobenzidine tetrahydro chloride)	25 g	6,384
G4659	Fat free dry milk	100 g	3,933
GCR-P4MC	Prestained protein wide range (100 lanes)	500 ul	16,986
G7134	LumiFly® Western Blotting Substrate	50 ml	5,185
G7134A	LumiFly® Western Blotting Substrate	100 ml	7,895
G7134B	LumiFly® Western Blotting Substrate	250 ml	12,525
G7210	LumiFly® Prime ECL Western Blotting Substrate	100 ml	14,701
G7210A	LumiFly® Prime ECL Western Blotting Substrate	250 ml	27,097

### Protein Staining Dye

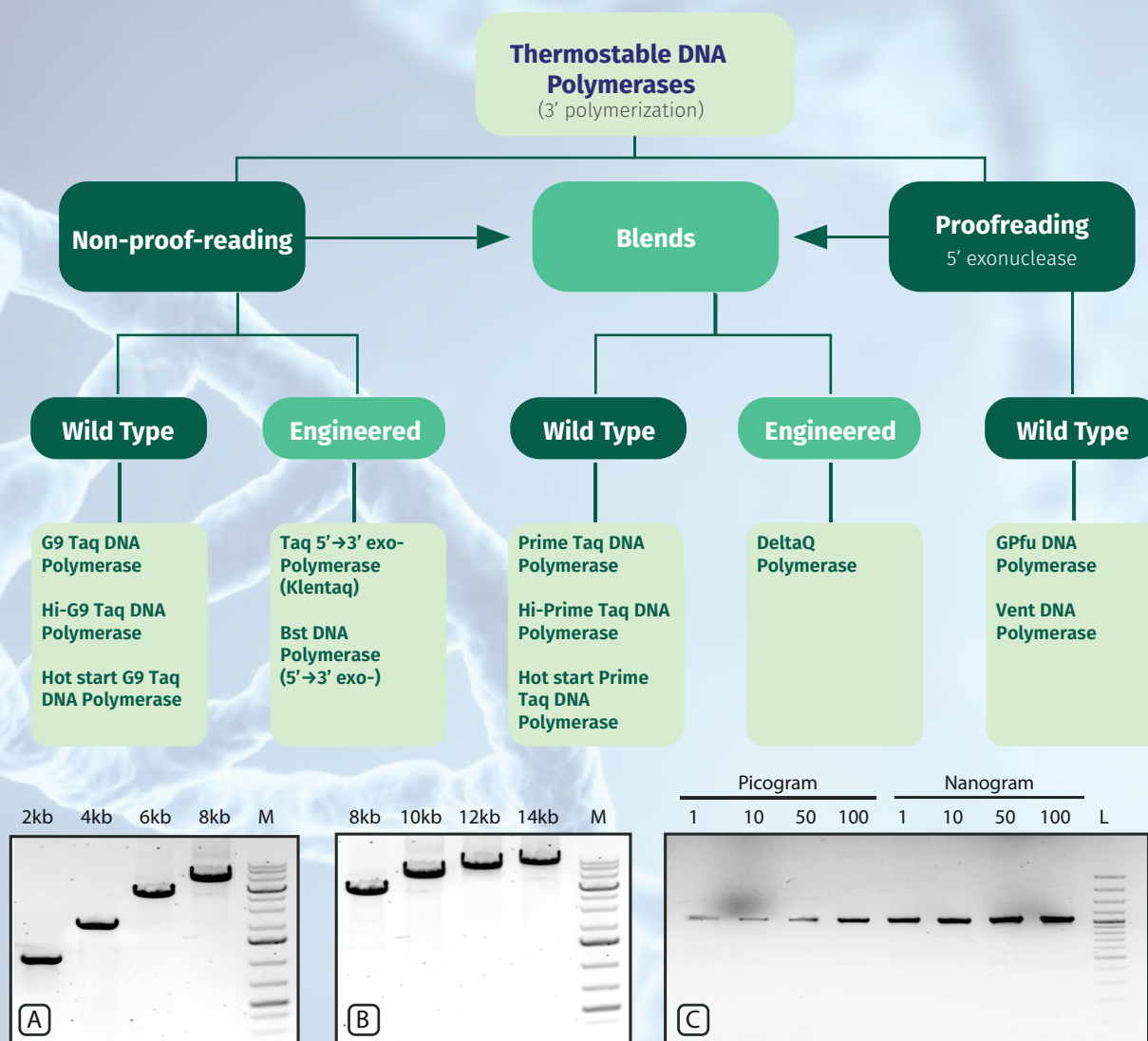
GPS101	SARP Stain Protein Dye, 100 Small gels equivalent	60 ml	10,226
GPS102	SARP Stain Protein Dye, 250 Small gels equivalent	150 ml	19,297
GPSP101	SARPStain Plus Protein Gel Staining Kit, (100 Small gels equivalent)	500ml X 3	12,802
GPSN101	G-SNAP in-gel protein visualization reagent (100 small gels equivalent)	25 ml	11,115
GPSN102	G-SNAP in-gel protein visualization reagent (200 small gels equivalent)	50 ml	16,291
GSBS01	SNAP Blue Stain	1 L	8,721
GSBS02	SNAP Blue Stain	2500 ml	19,255
GCR-1W	Ponceau S, ready to use protein on membrane staining solution	50 ml	5,187
GCR-P2	Coomassie protein gel staining solution, Ready to Use	500 ml	5,244



# MOLECULAR Biology



# GCC Polymerase Quick Facts



PCR Amplification on Lambda Base template with Hi-G9 taq Polymerase (A) and Hi-Prime Taq polymerase (B) 1/5 volume of the respective PCR product was run in 1% agarose gel .M: 1kb DNA Ladder  
 PCR Amplification on Lambda Base template with DeltaQ Polymerase Using variable amount of template .1/5 volume of the respective 1kb PCR Product was run in 1% agarose gel (C) L: 100bp DNA Ladder

Enzyme	Efficiency / Yield	Specificity	Fidelity / Error rate	Application
Taq Polymerase	++	++	$10^{-5}$	<ul style="list-style-type: none"> <li>Standard PCR / optimized for minimal by-product formation</li> <li>Routine and plate based PCR, automated pipetting</li> </ul>
Taq Hot Start Polymerase	++	+++	$10^{-5}$	<ul style="list-style-type: none"> <li>High specificity PCR / high sensitivity PCR</li> <li>Diagnostic PCR</li> </ul>
High Fidelity Polymerase	+++	++	$2 \times 10^{-6} - 10^{-7}$	<ul style="list-style-type: none"> <li>High fidelity PCR / long range PCR (Up to 16 kb)</li> <li>Amplification of difficult templates</li> </ul>
Isothermal Polymerase	++	++	$2 \times 10^{-5}$	<ul style="list-style-type: none"> <li>LAMP PCR Amplification with specificity and sensitivity</li> <li>High speed amplification for Long range amplification</li> </ul>
DeltaQ Polymerase	+++	+++	$2 \times 10^{-6}$	<ul style="list-style-type: none"> <li>Amplification with fidelity</li> <li>High speed amplification with Higher sensitivity</li> </ul>

Cat.No.	Products	Pack	Price in ₹
<b>DNA , RNA &amp; Protein Isolation Kit</b>			
GD1001A	GSure® Dogma kit for Bacteria	20 Prep	22,050
GD1001	GSure® Dogma kit for Bacteria	50 Prep	40,789
GD1002A	GSure® Dogma kit for Plant	20 Prep	25,593
GD1002	GSure® Dogma kit for Plant	50 Prep	48,017
GD1003A	GSure® Dogma kit for Cultured Cell	20 Prep	22,777
GD1003	GSure® Dogma kit for Cultured Cell	50 Prep	41,302
GD1004A	GSure® Dogma kit for Tissue	20 Prep	24,202
GD1004	GSure® Dogma kit for Tissue	50 Prep	45,452
<b>Nucleic Acid Isolation Kits</b>			
GV101P	GSure® Viral Nucleic Acid Isolation Kit from Plant	50 Prep	21,600
GV101T	GSure® Viral Nucleic Acid Isolation Kit from Tissue	50 Prep	21,600
GV101B	GSure® Viral Nucleic Acid Isolation Kit from Blood	50 Prep	21,600
GRD1001A	GSure® Ultra Nucleic acid isolation Universal kit	50 Prep	32,775
GRD1001B	GSure® Ultra Nucleic acid isolation kit (Bacteria)	20 Prep	17,718
GRD1001	GSure® Ultra Nucleic acid isolation kit (Bacteria)	50 Prep	35,354
GRD1002B	GSure® Ultra Nucleic acid isolation kit (Cultured Cell)	20 Prep	17,718
GRD1002	GSure® Ultra Nucleic acid isolation kit (Cultured Cell)	50 Prep	35,354
GRD1003B	GSure® Ultra Nucleic acid isolation kit (Blood)	20 Prep	17,718
GRD1003	GSure® Ultra Nucleic acid isolation kit (Blood)	50 Prep	35,354
GRD1004B	GSure® Ultra Nucleic acid isolation kit (Plant)	20 Prep	17,718
GRD1004	GSure® Ultra Nucleic acid isolation kit (Plant)	50 Prep	35,354
GRD1005B	GSure® Ultra Nucleic acid isolation kit (Tissue)	20 Prep	17,718
GRD1005	GSure® Ultra Nucleic acid isolation kit (Tissue)	50 Prep	35,354
<b>cDNA Synthesis Reagents</b>			
G46451A	M-MIV Reverse Transcriptase, RnaseH minus	10000 U	5,153
G46451B	M-MIV Reverse Transcriptase, RnaseH minus	50000 U	18,001
G4645	Max M-MIV Reverse Transcriptase	10000 U	11,001
G4646	Max M-MIV Reverse Transcriptase,	50000 U	32,285
G4641	R2D1 ststrandc DNA synthesis kit, RnaseH minus	20 rxn	6,019
G4641A	R2D1 ststrand cDNA synthesis kit,	100 rxn	17,887

Cat.No.	Products	Pack	Price in ₹
G4642	R2D Fast 1st strand cDNA synthesis kit	20 rxn	8,345
G4642A	R2D Fast 1st strand cDNA synthesis kit	100 rxn	33,140
G4643	GRT Script Reverse Transcriptase	500 U	87,780
G7113	One Step Quick RT PCR Kit	50 rxn	28,180
G7113A	One Step Quick RT PCR Kit	100 rxn	41,849
G7114	Dual Step RT PCR Kit	50 rxn	26,003
G7114A	Dual StepTaq RT PCR Kit	100 rxn	39,775
G51	Oligo dT(50uM)	100 ul	3,397
G51A	Oligo dT(50uM)	250 ul	7,490
G52	Random Hexamer (50uM)	100 ul	2,633
G52AC	Random decomer (50uM)	100 ul	4,070
G52AD	Random Octamer (50uM)	100 ul	4,070
<b>DNA Polymerases</b>			
G7115B	G9 Taq DNA polymerase, 10X buffer with MgCl <sub>2</sub>	500 U	2,109
G7115	G9 Taq DNA polymerase, 10X buffer with MgCl <sub>2</sub>	1000 U	3,403
G7115A	G9 Taq DNA polymerase, 10X buffer with MgCl <sub>2</sub>	5000 U	12,717
G7215	G9 Taq DNA polymerase, 10X buffer without MgCl <sub>2</sub>	1000 U	3,403
G7215A	G9 Taq DNA polymerase, 10X buffer without MgCl <sub>2</sub>	5000 U	12,717
G7120	Hot Start G9 Taq DNA Polymerase	100 U	5,130
G7120A	Hot Start G9 Taq DNA Polymerase	500 U	19,056
GG03	Hi-G9 Taq DNA polymerase	500 U	2,936
GG01	Hi-G9 Taq DNA polymerase	1000 U	5,198
GG02	Hi- G9 Taq DNA polymerase	5000 U	22,526
GBFT01	10X G9 Taq Buffer	4X1.25 ml	1,391
GBFT02	10X Hi-G9 Taq Buffer	4X1.25 ml	2,155
G4798	Prime Taq DNA Polymerase	500 U	6,031
G4798A	Prime Taq DNA Polymerase	1000 U	21,850
G4799	Prime Taq DNA Polymerase	5000 U	40,288
G7121	Hot Start Prime Taq DNA Polymerase	100 U	7,041
G7121A	Hot Start Prime Taq DNA Polymerase	500 U	29,316
G7116	Hi-Prime Taq DNA Polymerase	500 U	11,275
G7116A	Hi-Prime Taq DNA Polymerase	1000 U	19,141
G7116B	Hi-Prime Taq DNA Polymerase	5000 U	77,395
G7122	GPfu DNA Polymerase	100 U	5,130
G7122A	GPfu DNAPolymerase	500 U	20,310
G7222S	G9 PCR COR E KIT (G9 Taq)	100 rxn	13,657
G7222M	G9 PCR CORE KIT (G9 Taq)	250 rxn	27,595
G7126	DeltaQ Polymerase	250 ul	11,286



Cat.No.	Products	Pack	Price in ₹
G7126A	DeltaQ Polymerase	1000 U	35,655
G7216	Bst DNA Polymerase, Large Fragment	1600 U	7,068
G7216	Bst DNA Polymerase, Large Fragment	8000 U	24,168
<b>2X PCR Master Mix</b>			
G7117	2X G9 Taq PCR Master Mix	100 rxn	2,975
G7117A	2X G9 Taq PCR Master Mix	250 rxn	6,629
G7117B	2X G9 Taq PCR Master Mix	1000 rxn	25,052
G4804	2X Hi-G9 Taq PCR Master Mix	100 rxn	3,990
G4804A	2X Hi-G9 Taq PCR Master Mix	250 rxn	9,097
G4804B	2X Hi-G9 Taq PCR Master Mix	1000 rxn	33,835
G7118B	2X Prime Taq PCR Master Mix	1000 rxn	48,997
G7119	2X Hi-Prime Taq PCR Master Mix	100 rxn	10,460
G7119A	2X Hi-Prime Taq PCR Master Mix	250 rxn	19,950
G7119B	2X Hi-Prime Taq PCR Master Mix	1000 rxn	82,281
G7202	2X Hot Start G9 Taq DNA Polymerase	100 rxn	5,923
G7201A	2X Hot Start Prime Taq DNA Polymerase	1000 rxn	49,328
G7124	2X G9 Taq Ready load PCR Master Mix	100 rxn	3,010
G7124A	2X G9 Taq Ready load PCR Master Mix	1000 rxn	27,379
<b>1X Colony PCR Mix</b>			
G7126B	1X Colony PCR Master Mix	250 rxn	11,601
G7126C	1X Colony PCR Master Mix	1000 rxn	43,543
G7127	1X Colony PCR Mix (T7)	100 rxn	5,719
G7127A	1X Colony PCR Mix (T7)	250 rxn	13,653
G7127B	1X Colony PCR Mix (T7)	1000 rxn	49,221
G7128	1X Colony PCR Mix (M13)	100 rxn	5,719
G7128A	1X Colony PCR Mix (M13)	250 rxn	13,653
G7128B	1X Colony PCR Mix (M13)	1000 rxn	49,221
<b>PCR Accessories</b>			
GCR-A13	PCR grade extra pure Water	10 ml	3,648
GCR-B13	PCR grade extra pure MgCl <sub>2</sub> , 25mM	1 ml X 5	5,244
GCR-C13	PCR grade extra pure DMSO	1 ml X 5	8,664
G4635	Hi-grade Nuclease free water	100 ml	2,629
G4635A	Hi-grade Nuclease free water	100ml X 5	5,162
GCR-A3M	Magnesium Chloride (MgCl <sub>2</sub> ), 25mM	50 ml	11,229
GCR-30MA	Magnesium Chloride (MgCl <sub>2</sub> ), 25mM	25 ml	2,257
GBFT01	10X G9 Taq Buffer	4X1.25 ml	1,391
GBFT02	10X Hi-G9 Taq Buffer	4X1.25 ml	2,155
G47A	dNTP's (100mM dNTPset)	100 ul	4,389
G47	dNTP's (100mM dNTPset)	250 ul	11,240
G48	10mM dNTP Mix, ultrapure	1000 ul	10,237

Cat.No.	Products	Pack	Price in ₹
G48A	10mM dNTP set	250 ul	5,351
<b>Fastract Direct PCR Kit</b>			
G45312A	Fastract Direct PCR Kit® for Blood	100 rxn	10,250
G45312B	Fastract Direct PCR Kit for Blood	500 rxn	28,360
G45312	Fastract Direct PCR Kit® for Blood	1000 rxn	51,000
G45312Q	Fastract Blood lysis Buffer for Blood (Without Mastermix)	1000 rxn	44,210
G45313A	Fastract Direct PCR Kit® for Cultured Cell	100 rxn	10,400
G45313	Fastract Direct PCR Kit® for Cultured Cell	500 rxn	31,000
G45314A	Fastract Direct PCR Kit® For Tissue	100 rxn	12,000
G45314	Fastract Direct PCR Kit® For Tissue	500 rxn	35,000
G45315A	Fastract Direct PCR Kit® for Saliva/ Buccal Swab	100 rxn	71,00
G45315	Fastract Direct PCR Kit® for Saliva/Buccal Swab	500 rxn	23,500
G45316A	Fastract Direct PCR Kit for Forensic samples	100 rxn	71,00
G45316	Fastract Direct PCR Kit for Forensic samples	500 rxn	23,500
G45317A	Fastract Direct PCR Kit® For Hair	100 rxn	12,000
G45317	Fastract Direct PCR Kit For Hair	500 rxn	23,500
<b>Real Time qPCR</b>			
GCR-61	2XH-eff qPCR Master Mix, Rox	1 ml	9,918
GCR-62	2XH-eff qPCR Master Mix, Rox	1 ml X 5	22,777
GCR-63	2XH-eff qPCR Master Mix, Rox	1 ml X 10	44,186
GCR-64	2XH-eff qPCR Master Mix, Rox	5 ml X 5	85,101
GCRS-001	SYBER Green solution10000X in DMSO	0.5 ml	24,328
GCRS-002	SYBER Green solution10000X in DMSO	1 ml	45,452
<b>Custom Taqman probe</b>			
GCR-4C	CUSTOM-TURBO TAQ MANPROBE	40 nmol	38,769
Gt1001	WRTaqman 2X Master Mix from (40ul rxn), 1ml	50 rxn	8,596
Gt1002	WRTaqman 2X Master Mix from (40ul rxn), 4x1.25ml	250 rxn	39,615
Gt1003	WRTaqman 2X Master Mix from (40ul rxn), 8x1.25ml	500 rxn	75,001
Gt1004	WRTaqman 2X Master Mix from (40ul rxn), 5x5ml	1250 rxn	16,2541
<b>TA Cloning Kit</b>			
G4715B	Hi-efficiency TA-Cloning kit	10 rxn	6,566
G4715BB	Hi-efficiency TA-Cloning kit with competent cell	10 rxn	10,054
G4715A	Hi-efficiency TA-Cloning kit	20 rxn	12,670
G4715AA	Hi-efficiency TA-Cloning kit with competent cell	20 rxn	18,086
G4715C	Hi-efficiency TA-Cloning kit	40 rxn	18,920

Cat.No.	Products	Pack	Price in ₹
G4715CC	Hi-efficiency TA-Cloning kit with competent cell	40 rxn	30,606
GV01	pBR322 vector	50 ug	5,506

## Modifying Enzymes and Reagents and Reagents for Cloning

G4726	T4 Polynucleotide Kinase, Hi-Q	100 U	4,446
G4719	T4 PNK Buffer Pack	1.5 ml	2,063
GTDL01	T4 DNA Ligase	100 U	7,353
GTDL02	T4 DNA Ligase	250 U	12,802
GTDL03	T4 DNA Ligase	1000 U	39,398
GTDL04	Fast T4 DNA Ligation kit	30 rxn	16,598
G4718	T4 DNA Ligase Buffer Pack	1.5 ml	2,321
G4648	Rnase Inhibitor (40u/ul)	2000 U	6,231
G719A	Rnase Inhibitor (40u/ul)	4000 U	9,570
G7200	Rnase Inhibitor	20000 U	42,715
G4721A	Exonuclease I	1000 U	6,156
G4722	Shrimp Alkaline Phosphatase (SAP)	1000 U	9,046
G4725	Alkaline Phosphatase Calfintestinal (Hi-Q)	500 U	5,490
GS25A	T4 DNA polymerase, Hi-Q	100 U	6,984
GCR-13A	10mM DTT, Hi-pure reaction grade	1 ml X 5	2,052
GCR-13B	100mM MgSO4 reaction grade	1 ml X 5	1,368
G7129	1M Tris (pH 8) Hi-pure	10 ml	9,861
G7130	1M HEPES, (pH 6.6) Hi-pure	10 ml	3,534
GCR-6A	0.5 M EDTA, Hi-pure	10 ml	2,508
G4776	X-Gal	100 mg	19,790
G4777	IPTG, Dioxane-Free	5 gm	26,841
GME06S	T7 RNA Polymerase	1000 U	3,300
GME06M	T7 RNA Polymerase	5000 U	5,400
GME06L	T7 RNA Polymerase	25000 U	21,500
GME09S	GSure® Invitro Transcription Kit	25 rxn	18,500
GME09M	GSure® Invitro Transcription Kit	50 rxn	35,000
GME09L	GSure® Invitro Transcription Kit	100 rxn	65,500
GME11S	Herculase (Nuclease)	5000 U	5,569
GME11L	Herculase (Nuclease)	25000 U	19,725
GME13S	Rnase H	25 U	12,000
GME13M	Rnase H	100 U	31,575
GME13L	Rnase H	250 U	62,825
G4881	DpnI	100 U	6,452
GCR-4IP1	IPTG (20MG/ML)	1 ml	7,068

## Competent Cells

GCR4DH	Super DH5α Competent Cell	10 rxn	12,654
GCR4DHA	Super DH5α Competent Cell	20 rxn	16,161
GCR-4XL	Super XL-1Blue Competent Cells	10 rxn	12,654

Cat.No.	Products	Pack	Price in ₹
GCR-4XLA	Super XL-1Blue Competent Cells	20 rxn	16,161
GCR-4PLA	BL21 (DE3) pLys SCompetent Cells	20 rxn	16,161
GCR-4PLB	BL21(DE3) Competent Cells	20 rxn	12,161

## Site Directed Mutagenesis

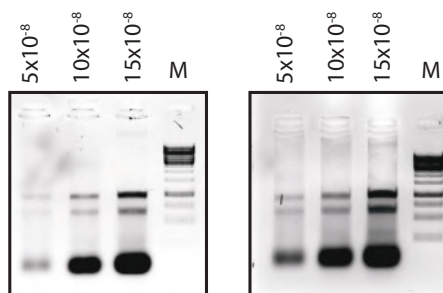
G7208	Site Directed Mutagenesis Kit	10 rxn	15,960
G7208A	Site Directed Mutagenesis Kit with competent cell	10 rxn	2,6124
G7209	Site Directed Mutagenesis Kit	20 rxn	25303
G7209A	Site Directed Mutagenesis Kit with competent cell	20 rxn	34365
GCR-A13	PCR grade extra pure Water	10 ml	3,648
GCR-4PG	PCR grade extra pure DMSO	1 ml X 5	2,850
G4635	Hi-grade Nuclease free water	100 ml	2,629
G4635A	Hi-grade Nuclease free water	100 ml X5	5,162

# TRIZIN

when you care enough  
to get the very best RNA



Colourless aqueous layer contains RNA



gram-ve

gram+ve

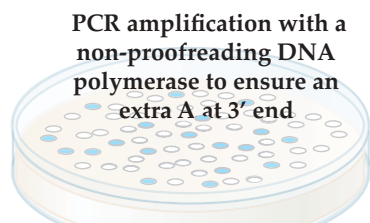
RNA was isolated from different number of gram+ve & Gram -ve bacterial stains



Cat.No.	Products	Pack	Price in ₹
<b>Products for Seed Technology</b>			
<b>GIA1016-100R</b>	G-isoNamp Seed PCR kit for Bajara	200 rxn	<b>9,900</b>
<b>GIA1017-100R</b>	G-isoNamp Seed PCR kit for Beans	200 rxn	<b>9,900</b>
<b>GIA1018-100R</b>	G-isoNamp Seed PCR kit for Brinjal	200 rxn	<b>9,900</b>
<b>GIA1019-100R</b>	G-isoNamp Seed PCR kit for Cotton	200 rxn	<b>9,900</b>
<b>GIA1020-100R</b>	G-isoNamp Seed PCR kit for Maize	200 rxn	<b>9,900</b>
<b>GIA1021-100R</b>	G-isoNamp Seed PCR kit for Marigold	200 rxn	<b>9,900</b>
<b>GIA1022-100R</b>	G-isoNamp Seed PCR kit for Mustard	200 rxn	<b>9,900</b>
<b>GIA1023-100R</b>	G-isoNamp Seed PCR kit for Onion	200 rxn	<b>9,900</b>
<b>GIA1024-100R</b>	G-isoNamp Seed PCR kit for Paddy	200 rxn	<b>9,900</b>
<b>GIA1025-100R</b>	G-isoNamp Seed PCR kit for Pea	200 rxn	<b>9,900</b>
<b>GIA1026-100R</b>	G-isoNamp Seed PCR kit for Sunflower	200 rxn	<b>9,900</b>
<b>GIA1027-100R</b>	G-isoNamp Seed PCR kit for Tomato	200 rxn	<b>9,900</b>
<b>GIA1028-100R</b>	G-isoNamp Seed PCR kit for Wheat	200 rxn	<b>9,900</b>
<b>GIA1016-1000R</b>	G-isoNamp Seed PCR kit for Bajara	1000 rxn	<b>39,000</b>
<b>GIA1017-1000R</b>	G-isoNamp Seed PCR kit for Beans	1000 rxn	<b>39,000</b>
<b>GIA1018-1000R</b>	G-isoNamp Seed PCR kit for Brinjal	1000 rxn	<b>39,000</b>
<b>GIA1019-1000R</b>	G-isoNamp Seed PCR kit for Cotton	1000 rxn	<b>39,000</b>
<b>GIA1020-1000R</b>	G-isoNamp Seed PCR kit for Maize	1000 rxn	<b>39,000</b>

Cat.No.	Products	Pack	Price in ₹
<b>GIA1021-1000R</b>	G-isoNamp Seed PCR kit for Marigold	1000 rxn	<b>39,000</b>
<b>GIA1022-1000R</b>	G-isoNamp Seed PCR kit for Mustard	1000 rxn	<b>39,000</b>
<b>GIA1023-1000R</b>	G-isoNamp Seed PCR kit for Onion	1000 rxn	<b>39,000</b>
<b>GIA1024-1000R</b>	G-isoNamp Seed PCR kit for Paddy	1000 rxn	<b>39,000</b>
<b>GIA1025-1000R</b>	G-isoNamp Seed PCR kit for Pea	1000 rxn	<b>39,000</b>
<b>GIA1026-1000R</b>	G-isoNamp Seed PCR kit for Sunflower	1000 rxn	<b>39,000</b>
<b>GIA1027-1000R</b>	G-iso Namp Seed PCR kit for Tomato	1000 rxn	<b>39,000</b>
<b>GIA1028-1000R</b>	G-iso Namp Seed PCR kit for Wheat	1000 rxn	<b>39,000</b>
<b>G45311A</b>	Fastract Direct PCR Kit® for Plant	100 rxn	<b>7,100</b>
<b>G45311B</b>	Fastract Direct PCR Kit® for Plant	500 rxn	<b>21,300</b>
<b>G45311</b>	Fastract Direct PCR Kit® for Plant	1000 rxn	<b>35,000</b>
<b>G45311QS</b>	Fastract Lysis Buffer for Plant ( without Master Mix)	5 ml	<b>5,025</b>
<b>G45311QM</b>	Fastract Lysis Buffer for Plant ( without Master Mix)	50 ml	<b>38,000</b>
<b>G45311QL</b>	Fastract Lysis Buffer for Plant ( without Master Mix)	100 ml	<b>58,000</b>
<b>G45311QXL</b>	Fastract Lysis Buffer for Plant ( without Master Mix)	500 ml	<b>1,25,000</b>
<b>G45322</b>	Fastract Direct PCR Kit® for Rice (50 RM markers)	1000 rxn	<b>78,790</b>
<b>G45322A</b>	Fastract Direct PCR Kit® for Rice (50 RM markers)	10000 rxn	<b>5,67,790</b>
<b>G45322CK</b>	Fastract Direct Rice Screening Core Kit (50 RM markers) (100samples)	1 Kit	<b>9,87,900</b>

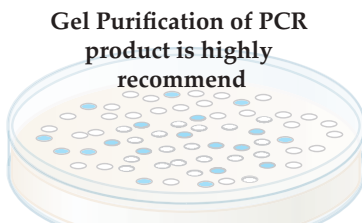
## 1 PCR amplification



Hi-efficiency TA cloning Kit

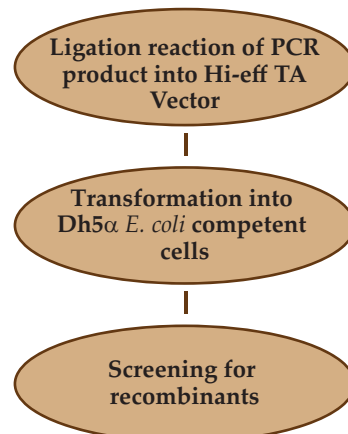
**IT'S SIMPLE  
AND IT WORKS!**

## 2. Insert Preparation



- Blue white base screening
- One tube reaction
- high efficiency/ high yield
- Low false positive rate
- Best price

## 3. TA cloning reaction





Cat.No.	Products	Pack	Price in ₹
<b>Molecular Diagnostics Kit for Human</b>			
GD6001-100R	DiAGSure Dengue detection kit	100 tests	49,900
GD6001-50R	DiAGSure Dengue detection kit	50 tests	24,950
GD6002-100R	DiAGSure Human Papilloma Virus (HPV) detection kit	100 tests	49,900
GD6002-50R	DiAGSure Human Papilloma Virus (HPV) detection kit	50 tests	24,950
GD6003-100R	DiAGSure Mycobacterium Tuberculosis (MTB) detection kit	100 tests	49,900
GD6003-50R	DiAGSure Mycobacterium Tuberculosis (MTB) detection kit	50 tests	24,950
GD6004-100R	DiAGSure Malaria detection kit	100 tests	49,900
GD6004-50R	DiAGSure Malaria detection kit	50 tests	24,950
GD6005-100R	DiAGSure West Nile Virus (WNV) detection kit	100 tests	49,900
GD6005-50R	DiAGSure West Nile Virus (WNV) detection kit	50 tests	24,950
GD6006-100R	DiAGSure Japanese encephalitis (JEV) detection kit	100 tests	49,900
GD6006-50R	DiAGSure Japanese encephalitis (JEV) detection kit	50 tests	24,950
GD6007-100R	DiAGSure Chikungunya (CHIKV) detection kit	100 tests	49,900
GD6007-50R	DiAGSure Chikungunya (CHIKV) detection kit	50 tests	24,950
GD6008-100R	DiAGSure Hepatitis C detection kit	100 tests	49,900
GD6008-50R	DiAGSure Hepatitis C detection kit	50 tests	24,950
GD6009-100R	DiAGSure Hepatitis B detection kit	100 tests	49,900
GD6009-50R	DiAGSure Hepatitis B detection kit	50 tests	24,950
GD6010-100R	DiAGSure Influenza A H1N1 detection kit	100 tests	49,900
GD6010-50R	DiAGSure Influenza A H1N1 detection kit	50 tests	24,950
GD6011-100R	DiAGSure Amoebiasis detection kit	100 tests	49,900
GD6011-50R	DiAGSure Amoebiasis detection kit	50 tests	24,950
GD6012-100R	DiAGSure Typhoid fever Detection kit	100 tests	49,900
GD6012-50R	DiAGSure Typhoid fever Detection kit	50 tests	24,950
GD6013-100R	DiAGSure Shigellosis Detection kit	100 tests	49,900
GD6013-50R	DiAGSure Shigellosis Detection kit	50 tests	24,950
GD6014-100R	DiAGSure Ulcer Detection kit	100 tests	49,900
GD6014-50R	DiAGSure Ulcer Detection kit	50 tests	24,950
GD6015-100R	DiAGSure Kala-azar detection kit	100 tests	49,900
GD6015-50R	DiAGSure Kala-azar detection kit	50 tests	24,950
GD6016-100R	DiAGSure Toxoplasmosis detection kit	100 tests	49,900
GD6016-50R	DiAGSure Toxoplasmosis detection kit	50 tests	24,950

Cat.No.	Products	Pack	Price in ₹
GD6018-100R	DiAGSure Cytomegalovirus detection kit	100 tests	49,900
GD6018-50R	DiAGSure Cytomegalovirus detection kit	50 tests	24,950
GD6019-100R	DiAGSure Herpes Simplex Virus (HSV) Detection kit	100 tests	49,900
GD6019-50R	DiAGSure Herpes Simplex Virus (HSV) Detection kit	50 tests	24,950
GD6020-100R	DiAGSure Propionibacterium acnes detection kit	100 tests	49,900
GD6020-50R	DiAGSure Propionibacterium acnes detection kit	50 tests	24,950
GD6021-100R	DiAGSure Parvovirus B19 Detection kit	100 tests	49,900
GD6021-50R	DiAGSure Parvovirus B19 Detection kit	50 tests	24,950
GD6022-100R	DiAGSure Chlamydia Infection detection kit	100 tests	49,900
GD6022-50R	DiAGSure Chlamydia Infection detection kit	50 tests	24,950
GD6023-100R	DiAGSure Hepatitis A detection kit	100 tests	49,900
GD6023-50R	DiAGSure Hepatitis A detection kit	50 tests	24,950
GD6024-100R	DiAGSure Hepatitis E detection kit	100 tests	49,900
GD6024-50R	DiAGSure Hepatitis E detection kit	50 tests	24,950
GD6025-100R	DiAGSure Influenza B detection kit	100 tests	49,900
GD6025-50R	DiAGSure Influenza B detection kit	50 tests	24,950
GD6026-100R	DiAGSure Influenza C detection kit	100 tests	49,900
GD6026-50R	DiAGSure Influenza C detection kit	50 tests	24,950
GD6027-100R	DiAGSure Pneumonia detection kit	100 tests	49,900
GD6027-50R	DiAGSure Pneumonia detection kit	50 tests	24,950
GD6028-100R	DiAGSure Acinetobacter baumannii detection kit	100 tests	49,900
GD6028-50R	DiAGSure Acinetobacter baumannii detection kit	50 tests	24,950
GD6029-100R	DiAGSure Zika Virus detection kit	100 tests	49,900
GD6029-50R	DiAGSure Zika Virus detection kit	50 tests	24,950
GD6030-100R	DiAGSure MTB-NTM detection kit	100 tests	49,900
GD6030-50R	DiAGSure MTB-NTM detection kit	50 tests	24,950
GD6031-100R	DiAGSure Epstein Barr Virus detection kit	100 tests	49,900
GD6031-50R	DiAGSure Epstein Barr Virus detection kit	50 tests	24,950
GD6032-100R	DiAGSure HIV-1 detection kit	100 tests	49,900
GD6032-50R	DiAGSure HIV-1 detection kit	50 tests	24,950
GD6033-100R	DiAGSure HIV-2 detection kit	100 tests	49,900
GD6033-50R	DiAGSure HIV-2 detection kit	50 tests	24,950
GD6034-100R	DiAGSure Mycoplasma hominis detection kit	100 tests	49,900

Cat.No.	Products	Pack	Price in ₹
GD6034-50R	DiAGSure Mycoplasma hominis detection kit	50 tests	24,950
GD6035-100R	DiAGSure Neisseria gonorrhoeae detection kit	100 tests	49,900
GD6035-50R	DiAGSure Neisseria gonorrhoeae detection kit	50 tests	24,950
GD6036-100R	DiAGSure Nipah virus detection kit	100 tests	49,900
GD6036-50R	DiAGSure Nipah virus detection kit	50 tests	24,950
GD6037-100R	DiAGSure Staphylococcus aureus detection kit	100 tests	49,900
GD6037-50R	DiAGSure Staphylococcus aureus detection kit	50 tests	24,950

## Molecular Diagnostics Kit for Aquaculture

GDS1015-100R	DiAGSure Infectious hypodermal and hematopoietic necrosis virus (IHNNV) PCR Detection Kit	100 tests	29,900
GDS1015-50R	DiAGSure Infectious hypodermal and hematopoietic necrosis virus (IHNNV) PCR Detection Kit	50 tests	14,950
GDS1016-100R	DiAGSure White spot syndrome virus (WSSV) PCR Detection Kit	100 tests	29,900
GDS1016-50R	DiAGSure White spot syndrome virus (WSSV) PCR Detection Kit	50 tests	14,950
GDS1017-100R	DiAGSure Penaeid shrimp infectious myonecrosis virus (IMNV) RT-PCR Detection Kit	100 tests	29,900
GDS1017-50R	DiAGSure Penaeid shrimp infectious myonecrosis virus (IMNV) RT-PCR Detection Kit	50 tests	14,950
GDS1018-100R	DiAGSure Taura syndrome virus (TSV) RT-PCR Detection Kit	100 tests	29,900
GDS1018-50R	DiAGSure Taura syndrome virus (TSV) RT-PCR Detection Kit	50 tests	14,950
GDS1019-100R	DiAGSure Yellow head virus (YHV) RT-PCR Detection Kit	100 tests	29,900
GDS1019-50R	DiAGSure Yellow head virus (YHV) RT-PCR Detection Kit	50 tests	14,950

## Molecular Diagnostics Kit for Animal Veterinary Diseases

GDA1016-100R	DiAGSure PCR detection kit of Avian influenza disease	100 tests	26,000
GDA1016-50R	DiAGSure PCR detection kit of Avian influenza disease	50 tests	18,950
GDA1017-100R	DiAGSure PCR detection kit of Bluetongue viral disease	100 tests	26,000
GDA1017-50R	DiAGSure PCR detection kit of Bluetongue viral disease	50 tests	18,950
GDA1018-100R	DiAGSure PCR detection kit of Border Disease	100 tests	26,000

GDA1018-50R	DiAGSure PCR detection kit of Border Disease	50 tests	18,950
GDA1019-100R	DiAGSure PCR detection kit of Bovine malignant catarrhal fever disease	100 tests	26,000
GDA1019-50R	DiAGSure PCR detection kit of Bovine malignant catarrhal fever disease	50 tests	18,950
GDA1020-100R	DiAGSure PCR detection kit of Bovine Viral Diarrhea Virus (BVD)	100 tests	26,000
GDA1020-50R	DiAGSure PCR detection kit of Bovine Viral Diarrhea Virus (BVD)	50 tests	18,950
GDA1021-100R	DiAGSure PCR detection kit of Crimean-Congo haemorrhagic fever (CCHF) disease	100 tests	26,000
GDA1021-50R	DiAGSure PCR detection kit of Crimean-Congo haemorrhagic fever (CCHF) disease	50 tests	18,950
GDA1022-100R	DiAGSure PCR detection kit of Foot-and-mouth disease (FMD) viral disease	100 tests	26,000
GDA1022-50R	DiAGSure PCR detection kit of Foot-and-mouth disease (FMD) viral disease	50 tests	18,950
GDA1023-100R	DiAGSure PCR detection kit of Hemorrhagic septicemia disease	100 tests	26,000
GDA1023-50R	DiAGSure PCR detection kit of Hemorrhagic septicemia disease	50 tests	18,950
GDA1024-100R	DiAGSure PCR detection kit of Peste des petit ruminants (PPR) viral disease	100 tests	26,000
GDA1024-50R	DiAGSure PCR detection kit of Peste des petit ruminants (PPR) viral disease	50 tests	18,950
GDA1025-100R	DiAGSure PCR detection kit of Porcine Reproductive and Respiratory Syndrome (PRRS) disease	100 tests	26,000
GDA1025-50R	DiAGSure PCR detection kit of Porcine Reproductive and Respiratory Syndrome (PRRS) disease	50 tests	18,950
GDA1026-100R	DiAGSure PCR detection kit of Rotavirus for animal	100 tests	26,000
GDA1026-50R	DiAGSure PCR detection kit of Rotavirus for animal	50 tests	18,950
GDA1027-100R	DiAGSure PCR detection kit of Swine Influenza Virus (SIV)	100 tests	26,000
GDA1027-50R	DiAGSure PCR detection kit of Swine Influenza Virus (SIV)	50 tests	18,950

# LumiFly® Western blotting Substrate

# LumiFly® Prime Western blotting Substrate

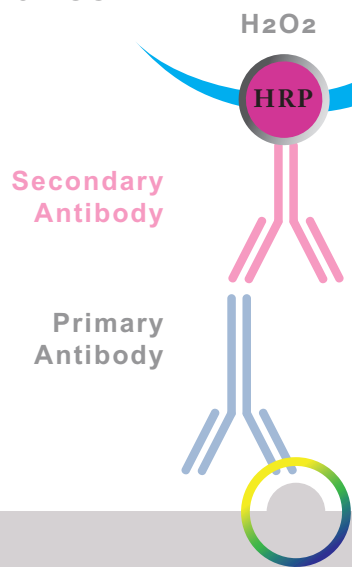
$10^{-9}$ (n)

detection range

$10^{-12}$ (p)

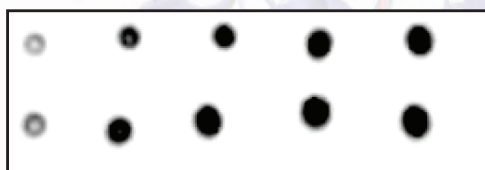
*Sensitivity and Rapidity where always go hand in hand*

Luminol  
+enhancer



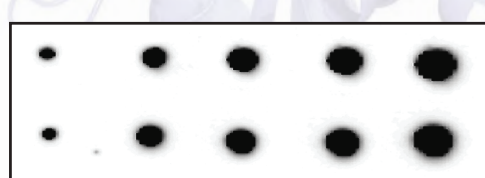
only 30 sec

05 10 15 20 25 ng



LumiFly® Western blotting Substrate

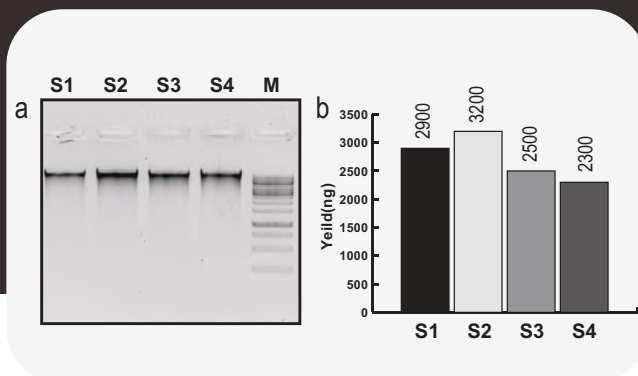
100 500 1000 1500 2000 pg



LumiFly® Prime Western blotting Substrate

## GSure® Soil DNA Isolation Kit

Pure DNA Sure Results



**Cleaner DNA** - Reduces humic substance interference

**Higher Yields** - Efficient extraction of DNA from only 5 grams of soil

**Accurate Results** - Downstream application like PCR, NGS, quantitative PCR





Cat.No.	Products	Pack	Price in ₹
<b>Chemical Reagents</b>			
GSC02500	Boric Acid-MB Grade	500 gm	4,082
GSC03500	Glycine-MB Grade	500 gm	3,125
GSC031000	Glycine-MB Grade	1 kg	5,830
GSC04100	Sodium Dodecyl Sulfate (SDS) MG Grade	100 gm	2,595
GSC04500	Sodium Dodecyl Sulfate (SDS) MG Grade	500 gm	8,595
GSC041000	Sodium Dodecyl Sulfate (SDS) MG Grade	1 kg	15,159
GSC05100	Tris Base-MB Grade	100 gm	1,565
GSC05500	Tris Base-MB Grade	500 gm	3,595
GSC051000	Tris Base-MB Grade	2500 gm	13,675
GSC06100	Tween 20- MB Grade	100 ml	1,500
GSC06500	Tween 20- MB Grade	500 ml	4,346
GSC07100	Sodium Chloride-MB Grade	100 gm	795
GSC07500	Sodium Chloride-MB Grade	500 gm	2,068
GSC08100	Guanidine-HCl-MB Grade	100 gm	2,995
GSC08500	Guanidine-HCl-MB Grade	500 gm	8,799
GSC091000	Glycerol-MB Grade	1000 ml	3,021
GSC10100	Guanidine Thiocyanate-MB Grade	100 gm	2,544
GSC10500	Guanidine Thiocyanate-MB Grade	500 gm	6,500
GSC11100	Acrylamide-MB Grade	100 gm	2,905
GSC11500	Acrylamide-MB Grade	500 gm	8,163
GSC12500	Ammonium sulphate	500 gm	1,114
GSC1305	DTT-MB Grade	5 g	5,956
GSC1301	DTT-MB Grade	1 gm	2,195
4337455	BDTv3.1CycleSequencingKit, 100 reactions, 400ul add 0.5ulof readytouseBDTv3.1foramplicon sequencing	Per pack	2,20,560
<b>Custumables of 7500 Real Time PCR System</b>			
4349180	7500 RealTime PCR Systems Spectral Calibration Kitl	Per pack	1,63,675
4367032	Precisiion PlateHolderfor7300& 7500System	Per pack	23,108
4410715	Septa CathodeBuffer Container, 3500 series-10each	Per pack	79,373
G4311320	Hi-DiFormamide, 25ml	Per pack	8,674
G4440753	Hi-DiFormamide, 5ml	Per pack	14,820
4440753	Hi-Di™Formamide, 5ml	4 tubes	13,853

Cat.No.	Products	Pack	Price in ₹
4316813	MicroAmp® Optical96-Well Reaction Plate, 250 platesfor RealTime QuantStudio	Per pack	4,82,551
4410228	Retainer& BaseSet(Standard) for 3500 Genetic Analyzers, 96well, 4 sets	Per pack	45,997
<b>Custumables of 3500 XL Genetic Analyzer</b>			
4404687	3500XL Genetic Analyzer Capillary Array, 36cm	Per pack	3,89,938
4404689	3500XL Genetic Analyzer Capillary Array, 50cm	Per pack	3,89,938
4393710	POP-4™ Polymer for 3500 XL Genetic Analyzers-960 Sample	Per pack	94,090
4393712	POP-6™ Polymerfor 3500XL Genetic Analyzers-960 Samples	Per pack	94,090
4393714	POP-7™ Polymer for 3500XL Genetic Analyzers-960 Samples	Per pack	94,090
4393715	POP-4™ Polymer for 3500XL Genetic Analyzers-384 Samples	Per pack	40,608
4393717	POP-6™ Polymerfor 3500XL Genetic Analyzers-384 Samples	Per pack	40,608
4393708	POP-7™ Polymerfor 3500XL Genetic Analyzers-384 samples	Per pack	40,608
4393927	AnodeBuffer Container(ABC) 3500XL Series-4 pack	Per pack	24,523
4408256	Cathode Buffer Container(CBC) 3500XLSeries-4pack	Per pack	34,258
4410715	SeptaCathode Buffer Container, 3500X Lseries-10each	Per pack	79,373
4393718	Conditioning Reagent, 3500XL Series-1unit	Per pack	6,178
4410228	96-wellretainer & baseset (Standard) 3500XL Genetic Analyzers- 4sets	Per pack	42,869
4409530	96-Wellretainer & baseset (Fast) for 3500XL Genetic Analyzers- 4sets	Per pack	42,869
4410235	384-wellretainer& baseset (Standard) for 3500XL Genetic Analyzer-4sets	Per pack	45,115
4410231	8-Tuberetainer&baseset (Standard) for 3500XLGenetic Analyzers-4sets	Per pack	42,869
4410233	8-Tuberetainer&baseset (Fast )for 3500XL Genetic Analyzers-4sets	Per pack	42,869
4410701	8-StripSeptafor3500XL GeneticAnalyzers-24each	Per pack	95,098
4412614	96-Well Septafor3500XL Genetic Analyzers-20each	Per pack	80,496
4412520	384-WellSeptafor3500XL Genetic Analyzer- 20each	Per pack	1,46,578
4410715	SeptaCathodeBuffer Container, 3500 XL series-10each	Per pack	79,373
G4311320	Hi-DiFormamide, 25ml	Per pack	8,674
G4440753	Hi-DiFormamide, 5ml	Per pack	14,820
4316813	MicroAmp® Optical 96-Well Reaction Plate, 250 plates for Real Time Quant Studio	Per pack	4,82,551

Cat.No.	Products	Pack	Price in ₹
4410228	Retainer & BaseSet (Standard)for3500xLGenetic Analyzers,96well, 4sets	Per pack	45,997

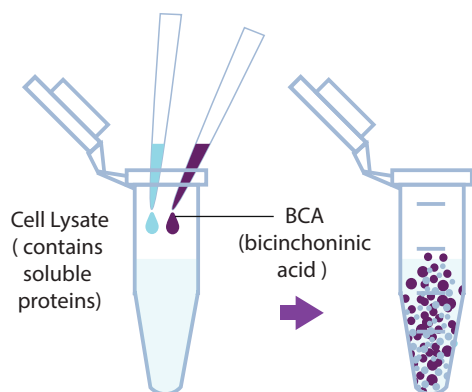
## Customables of Fagment Analysis on Genetic Analyzer

4345833	DS33 (Dye SetG5) Matrix standardKit	Per pack	31,746
G4336935	BDTV3.1SEQSTDKIT	Per pack	76,596
G4408399	Gene Scan™ 600LIZSizeStandard v2.0,800Sample	Per pack	1,29,570
G4330397	DS-33GENESCAN INSTALLATIONKIT	Per pack	1,11,540
4306737	FG-TCIIREACTIONPLATE-96WELL BARCODE	Per pack	36,660

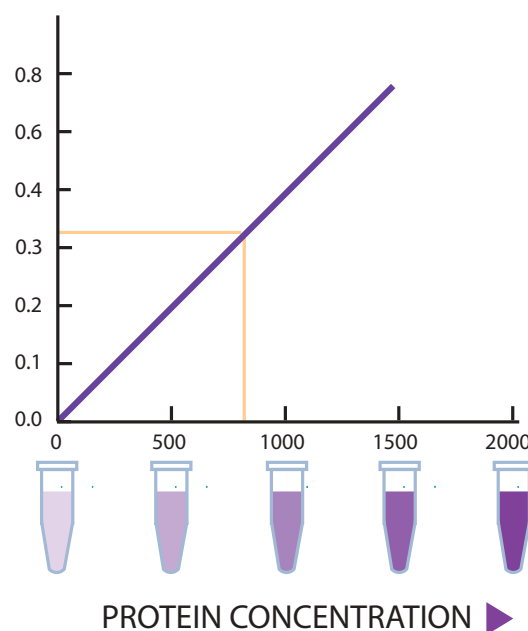
Cat.No.	Products	Pack	Price in ₹
4405776	3500XLFRAGMENTANALYS INSTALLKIT(Calibration)	Per pack	12,91,148
4324287	GeneScan 120LIZ dye Size Standard - 100 rxn	Per pack	94,057
4323151	SNaPshot Multiplex Kit - 100 reaction	Per pack	94,345
4323014	DS-02 Matrix Standard Kit - 8 run	Per pack	32,545
A38073	Sanger Sequencing Kit	Per pack	4,24,000
GDB655051	FACS Diva CST Research Beads Kit	Per pack	1,95,200
GDB556547	Annexin v FATC A KIT-100 Test	Per pack	65,275
GDB340345	FACCLEAN	Per pack	41,500
GDB340346	FACRINSE	Per pack	41,250
GDB342003	BDFACSFLOWHEALTHFLUID	20 L	81,400

WE BRING GOOD THINGS TO YOU.

## HIGHLY SENSITIVE & COLOURIMETRIC



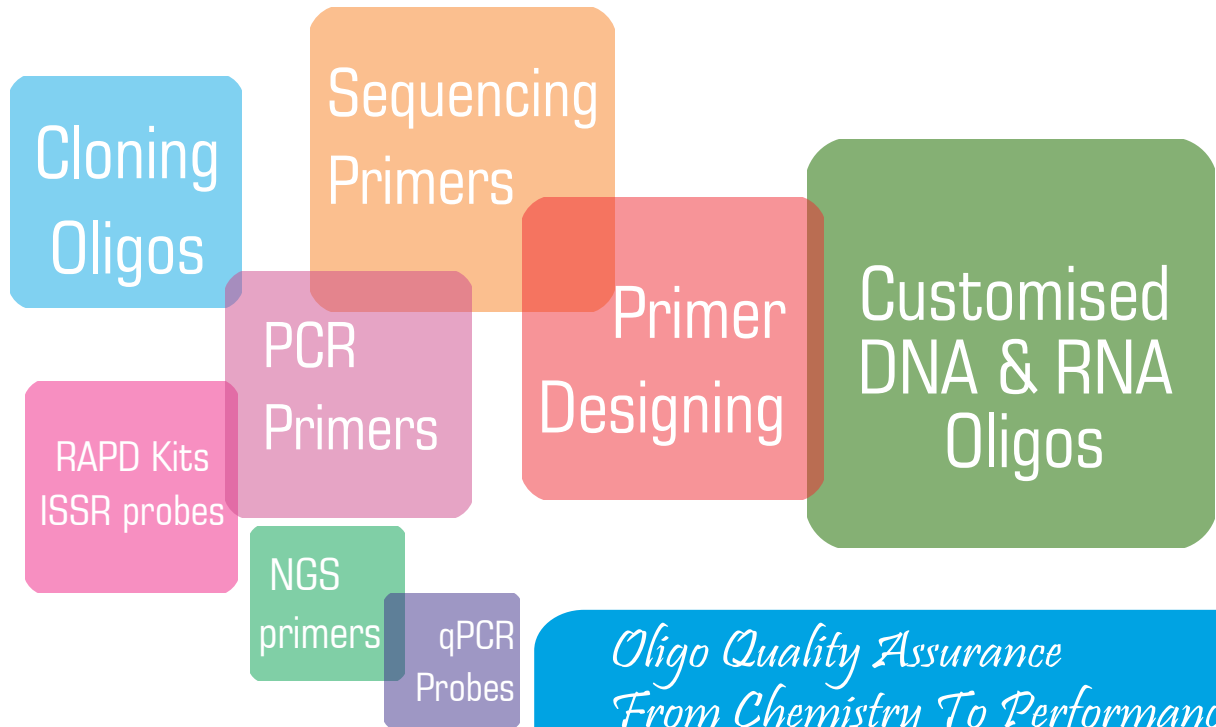
OPTICAL DENSITY  
Increase in optical density of the sample



## G-Quant BCA Protein assay Kit

- ▶ Not affected By the type of protein
- ▶ Resistant to the effect of surfactants

# Oligonucleotides



*Is your research delayed because  
long wait time for oligos ???*

*Try our **Rapid oligos** service  
Oligos on your table by next day noon\**

✉ E-mail: [oligo@gccbiotech.co.in](mailto:oligo@gccbiotech.co.in)  
☎ Contat:(033) 24950004/1044



\* (15-30 mers, desalted , 25 or 50 nmol, order latest by 10.00 A.M IST, minimum 4 oligos per order, Service currently available in Kolkata City only Rs. 4/base extra charges & advance payment).



## Experience Advantage

With employees with over a decade of experience in oligo synthesis, you will always get best service & support tailor made for your unique requirement.

## Quality Check of Incoming reagents

Most of the reagents used for oligo synthesis are manufactured in our own state of the art Chemistry lab. Few reagents are imported from reputed companies. All the reagents used for oligo synthesis undergo stringent quality check before use. In addition, all suppliers are regularly audited by us.

## Process Control

Our oligonucleotides are produced in a highly automated synthesis facility. With the help of the best in the market automated Oligo Synthesizer and other high end related instruments, we are able to produce best quality oligos in very short time. All orders are given a unique order no. and all oligos a unique barcode no. which are used to track the oligos at all the process steps from order to shipment.

## Quality Check of oligonucleotides

All the oligo batches undergo rigorous quality check by trityl check, absorbance, PAGE, PCR with universal primers, Sequencing with universal primers.

## Performance Check

Measuring the performance of our oligos, is a crucial cornerstone in our quality assurance. Our oligos undergo rigorous in-house application analyses by PCR, DNA sequencing, NGS, real time PCR, DNA cloning etc.

## Modified Custom Oligos

- ◆ 5' Modifications (Biotin, Thiol, Amino, 6-FAM, Cy5, Cy3, Phosphate etc.)
- ◆ Internal modifications (Inosine, FAM-dT etc.)
- ◆ 3' Modifications (BHQ, TAMRA, Biotin-TEG, Inosine, Cy5, Cy3 etc.)

## Multiple purification options to choose from for your varied experiments

- ◆ Desalted ◆ Swift LC ◆ HPLC ◆ PAGE

## Unmodified Custom Oligos

- ◆ Degenerate/wobble oligos ◆ Desalted
- ◆ Swift LC purified ◆ HPLC purified
- ◆ PAGE purified ◆ Oligos in Plate

## Ready Made Oligos

- ◆ RAPD Kits ◆ UBC NAPS Unit Standard RAPD primers
- ◆ ISSR markers ◆ Universal primers

## Oligo QC by

- ◆ Trityl Monitoring ◆ Absorbance Reading
- ◆ PAGE ◆ PCR with Universal primers
- | Sequencing with Universal primers

## Multiple Synthesis Scale options to best suit to your requirements

- ◆ 10 nmol ◆ 25 nmol ◆ 50 nmol ◆ 200 nmol ◆ 1000 nmol
- ◆ 10000 nmol

# Experience the benefits

To stay with us

### Presentation

Stay updated on the latest products and technology

### Sales Presentation

Stay familiar with the market

### Preparation

High-end report generation for full range of services

### the art facility

In house product development with world renowned equipments

## A. Basic synthesis(Per base Charges) for Desalted Oligo

Description	GC-1A	GC-01	GC-02	GC-03	GC-04	GC-05
Synthesis Scale Tubes	10 nmole	25 nmole	50 nmole	200 nmole	1000 nmole	10000 nmole
Price per base ( ₹ )	16	18	25	38	90	825
Length (bases)	11-39	11-39	11-80	5-100	5-100	5-100
Minimum Yield (OD*)	1	2	3	10	35	250

\*Approx. OD for 20 mer oligos

Minimum scale of synthesis for wobble / degenerate oligos is 50 nmol.

## B. Oligo Purification charges ( ₹ / Oligo)

Purification	25 nmole	50 nmole	200 nmole	1000 nmole	10000 nmole	GC-05
GC-06 HPLC	-	2000	3000	4800	POR	10000 nmole
GC-07 PAGE	-	2900	3900	POR	POR	825
GC-08 Swift LC	700	700	1500	3200	POR	5-100

**Note:** For HPLC / PAGE/Swift LC oligos, Purification rates will be charged in addition to basic synthesis charge.

## 5' Modifications (GC-M5)

	₹		
Modification	50nmol	200nmol	1000nmol
Digoxigenin	16,500	18,500	28,500
Phosphate	4,500	7,000	9,500
Biotin	5,500	6,800	10,000
Thiol-C6	6,200	7,500	11,500
Thiol-C3	6,200	7,500	13,000
C12spacer	6,200	8,000	13,000
FAM	6,200	8,000	28,400
TAMRA	11,200	13,400	50,000
HEX	28,000	30,000	27,600
TET	11,000	13,200	27,600
Texas Red	11,000	13,200	57,000
JOE	33,000	37,000	57,000
ROX	33,000	37,000	50,000
Cy5	28,000	30,000	40,000
Cy3	16,000	20,000	40,000
Cv5.5	16,000	20,000	40,000
AlexaFluor 488	16,000	20,000	70,000
AlexaFluor 532	36,000	40,000	86,000
AlexaFluor 546	50,000	55,000	86,000
AlexaFluor 594	50,000	55,000	104,000
AlexaFluor 647	57,600	65,000	70,000
AlexaFluor 660	36,000	40,000	104,000
AlexaFluor 750	57,600	65,000	1,04,000
BHQ-2	57,600	65,000	1,04,000

## Internal Modifications (GC-MI)

	₹		
Modification	50nmol	200nmol	1000nmol
Internal Amino Modifier C6 dT	21,600	27,000	42,000
Internal Biotin-dT	29,000	31,000	48,000
Fluorescein dT	29,000	35,000	48,000
C3 spacer	7,000	9,000	12,600
C6 spacer	7,000	9,000	12,600
C12 spacer	7,000	9,000	12,600
Inosine	1,200	16,000	2,900
DeoxyUridine	3,500	5,000	8,000
Cy3	32,000	40,000	70,000
Cy5	3,2000	40,000	70,000
Cy3.5	3,6000	50,000	76,000
Cy5.5	3,6000	50,000	76,000
Tamra dT	4,400	55,000	70,000
BHQ1 dT	50,000	55,000	70,000
BHQ2 dT	50,000	55,000	70,000
Dabcyl dT	50,000	55,000	70,000
Cy3 dA	50,000	55,000	84,000
Cy3 dC	50,000	55,000	84,000
Cy3 dG	50,000	55,000	84,000
Cy3 dT	40,000	50,000	70,000
Cy5 dA	50,000	55,000	84,000
Cy5 dC	50,000	55,000	84,000
Cy5 dG	50,000	55,000	84,000
Cy5 dT	45,000	50,000	70,000
Phosphorothioate back bone modification	2,500	3,500	5,000

## 3' Modifications (GC-M3)

Modification	₹		
	50nmol	200nmol	1000nmol
Digoxigenin	16,500	18,500	28,500
C6 Amine	5,500	8,000	11,400
Phosphate	5,500	8,000	11,400
Biotin	10,800	12,000	20,000
C3 spacer	7,200	9,000	13,200
C6 spacer	7,200	9,000	13,200
C12 spacer	7,200	9,000	13,200
FAM	10,000	12,000	22,000
TAMRA	15,400	19,200	27,400
Thiol	14,000	18,000	26,000
TexasRed	33,000	37,000	57,000
JOE	33,000	37,000	57,000
ROX	28,000	30,000	50,000
Cy5	19,000	23,000	35,000
Cy3	19,000	23,000	35,000
Dabcyl	16,000	20,000	40,000
BHQ1	16,000	20,000	40,000
BHQ2	16,000	20,000	40,000
Cholesteryl	16,000	20,000	48,000
3'-Inverted dT	7,600	10,000	16,000
3'-Inverted dA	7,600	10,000	16,000
3'-Inverted dC	7,600	10,000	16,000
3'-Inverted dG	7,600	10,000	16,000
AlexaFluor 488	36,000	40,000	70,000
AlexaFluor 532	50,000	55,000	86,000
AlexaFluor 546	50,000	55,000	86,000
AlexaFluor 594	57,600	65,000	10,400
AlexaFluor 547	36,000	55,000	70,000
AlexaFluor 660	57,600	65,000	104,000
AlexaFluor 750	57,600	65,000	104,000

## 3' Modifications (GC-M3)

Modification	₹		
	50nmol	200nmol	1000nmol
5'-FAM-3'-TAMRA	33,000	46,600	73,000
5'-HEX-3'-TAMRA	33,000	46,600	73,000
5'-TET-3'-TAMRA	33,000	46,600	73,000
5'-JOE-3'-TAMRA	70,000	80,000	160,000
5'-FAM-3'-BHQ1	35,000	50,000	75,000
5'-HEX-3'-BHQ1	44,000	63,000	94,000
5'-TET-3'-BHQ1	42,000	59,000	89,000
5'-JOE-3'-BHQ1	70,000	80,000	120,000
5'-TAMRA-3'-BHQ1	60,000	70,000	110,000
5'-ROX-3'-BHQ1	55,000	64,000	104,000
5'-Texas Red-3'-BHQ1	55,000	64,000	104,000
5'-Cy3-3'-BHQ1	80,000	90,000	130,000
5'-FAM-3'-BHQ2	35,000	50,000	75,000
5'-HEX-3'-BHQ2	44,000	63,000	94,000
5'-TET-3'-BHQ2	42,000	59,000	89,000
5'-JOE-3'-BHQ2	70,000	80,000	120,000

Cat. No.	Product	Pack Size	Price
GABP-07	AFLP Primer	10,000 Picomol	POR*
GABP-08	AFLP Primer	80,000 Picomol	POR*
GABP-09	AFLP Primer	200,000 Picomol	POR*

POR\* Price On Request, Please contact our e-mail  
[tech.support@gccbiotech.co.in](mailto:tech.support@gccbiotech.co.in)

## Resuspension of Oligos

Oligonucleotides may be dissolved in water or in dilute buffers at or near pH 7.0. If non-buffered solution are to be prepared, and since laboratory distilled water is often slightly acidic, the pH of the water should be raised to pH 7.0 prior to dissolving the oligonucleotide. This may be accomplished by using a dilute sodium hydroxide or ammonia solution to adjust the pH of the water.

## Storage of Oligos

Oligonucleotides as lyophilised powders are stable for years when stored at -20 ° C. They are less stable in solution but can be kept for several month



## RAPD Primers

Oligos specifically developed for Random Amplified Polymorphic DNA (RAPD) analysis, RAPD is a technique used for DNA fingerprinting and genetic mapping, RAPD markers are single 10 mer oligonucleotides of arbitrary sequence, used as primers in PCR to amplify genomic DNA where the sequence of the DNA is completely unknown.

## UBC-NAPS Unit Standard Primers

arbitrary sequence, used as primers in PCR to amplify genomic DNA where the sequence of the DNA is completely unknown

Product	Pack Size	Price in ₹
RAPD Primer Set #1	(4 OD/tube, 100 Primers)	64,700
RAPD Primer Set #2	(4 OD/tube, 100 Primers)	59,500
RAPD Primer Set #3	(4 OD/tube, 100 Primers)	59,500
RAPD Primer Set #4	(4 OD/tube, 100 Primers)	59,500
RAPD Primer Set #5	(4 OD/tube, 100 Primers)	59,500
RAPD Primer Set #6	(4 OD/tube, 100 Primers)	59,500
RAPD Primer Set #7	(4 OD/tube, 100 Primers)	59,500

POR\* Price On Request, Please contact our e-mail  
[tech.support@gccbiotech.co.in](mailto:tech.support@gccbiotech.co.in)

## Price ₹ 7525 (20 Oligo Set) / ₹ 395 Per Oligo

Kit-A		Kit-B		Kit-C		Kit-D	
Name	Sequence	Name	Sequence	Name	Sequence	Name	Sequence
GCA-01	CAGGCCCTTC	GCB-01	GTTTCGCTCC	GCC-01	TTCGAGCCAG	GCD-01	ACCGCGAAGG
GCA-02	TGCCGAGCTG	GCB-02	TGATCCCTGG	GCC-02	GTGAGGCGTC	GCD-02	GGACCCAACC
GCA-03	AGTCAGCCAC	GCB-03C	ATCCCCCTG	GCC-03	GGGGGTCTTT	GCD-03	GTCGCCGTCA
GCA-04	AATCGGGCTG	GCB-04	GGACTGGAGT	GCC-04	CCGCATCTAC	GCD-04	TCTGGTGAGG
GCA-05	AGGGGTCTTG	GCB-05	TGCGCCCTTC	GCC-05	GATGACCGCC	GCD-05	TGAGCGGACA
GCA-06	GGTCCCTGAC	GCB-06	TGCTCTGCCC	GCC-06	GAACGGACTC	GCD-06	ACCTGAACGG
GCA-07	GAAACGGGTG	GCB-07	GGTGACGCAG	GCC-07	GTCCCGACGA	GCD-07	TTGGCACGGG
GCA-08	GTGACGTAGG	GCB-08	GTCCACACGG	GCC-08	TGGACCGGTG	GCD-08	GTGTGCCCCA
GCA-09	GGGTAACGCC	GCB-09	TGGGGGACTC	GCC-09	CTCACCGTCC	GCD-09	CTCTGGAGAC
GCA-10	GTGATCGCAG	GCB-10	CTGCTGGGAC	GCC-10	TGTCTGGGTG	GCD-10	GGTCTACACC
GCA-11	CAATCGCCGT	GCB-11	GTAGACCCGT	GCC-11	AAAGCTGCGG	GCD-11	AGCGCCATTG
GCA-12	TCGGCGATAG	GCB-12	CCTTGACGCA	GCC-12	TGTCATCCCC	GCD-12	CACCGTATCC
GCA-13	CAGCACCCAC	GCB-13	TTCCCCCGCT	GCC-13	AAGCCTCGTC	GCD-13	GGGGTGACGA
GCA-14	TCTGTGCTGG	GCB-14T	CCGCTCTGG	GCC-14	TGCGTGCTTG	GCD-14	CTTCCCCAAG
GCA-15	TTCCGAACCC	GCB-15	GGAGGGTGTT	GCC-15	GACGGATCAG	GCD-15	CATCCGTGCT
GCA-16	AGCCAGCGAA	GCB-16	TTTGCCCGGA	GCC-16	CACACTCCAG	GCD-16	AGGGCGTAAG
GCA-17	GACCGCTTGT	GCB-17	AGGGAACGAG	GCC-17	TTCCCCCAG	GCD-17	TTTCCCACGG
GCA-18	AGGTGACCGT	GCB-18	CCACAGCAGT	GCC-18	TGAGTGGGTG	GCD-18	GAGAGCCAAC
GCA-19	CAAACGTCGG	GCB-19	ACCCCCGAAG	GCC-19	GTTGCCAGCC	GCD-19	TGGGGACTT
GCA-20	GTTGCGATCC	GCB-20	GGACCCTTAC	GCC-20	ACTTCGCCAC	GCD-20	ACCCGGTCAC

## Product Specifications

100/20 predefined 10mer primers in every kit, Synthesis yields: 40D<sub>2</sub>, Primer length: 10 bases, available as single primers or complete kits, Delivery: lyophilised in tube format

## UBC-NAPS Unit Standard Primers

Printout of synthesis report	<b>FREE</b>
Soft copy of synthesis report	<b>FREE</b>
Extra tube Labels	<b>15 / Label</b>
Wobbles with non-defined ratio	<b>FREE</b>
Amount adjustment in tubes	<b>100 / oligo</b>
Multiple Aliquoting in tubes	<b>150 / aliquot</b>
Mixing of oligos in one tube	<b>100 / oligo</b>

## BE SMART Use Oligo Smart Card

- ☐ Bulk oligo orders made easy
- ☐ Faster & hassle free processing of oligo orders
- ☐ Get attractive discount on oligo orders.



Cat. No.	Service Description	Pack Size	Price in INR
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## Custom Gene Synthesis Services

GSYN-01	Custom Gene Synthesis Service of 120 bp - 500 bp	Per construct	25,000
GSYN-02	Custom Gene Synthesis Service of 501 bp - 1000 bp	Per construct	42/ bp
GSYN-03	Custom Gene Synthesis Service of 1001 bp - 2000 bp	Per construct	48/ bp
GSYN-04	Custom Gene Synthesis Service of 2001 bp - 4000 bp	Per construct	58/ bp
GSYN-05	Custom Gene Synthesis Service of $\geq 4$ kb	Per construct	POR
GSYN-06	Codon optimization of the gene of interest	Per construct	10,000

## DNA Extraction and Purification Services

GMOL-01AA	Mitochondrial DNA extraction service (from tissues, blood, cultures) up to 2-20ug Samples: Frozen tissue, cells & blood samples.	Per Sample	25,000
GMOL-01	Genomic DNA extraction service (from tissues, blood, cultures) up to 20ug Samples: Frozen tissue, cells & blood samples.	Per Sample	12,500
GMOL-01A	Genomic DNA extraction service (from tissues, blood, cultures) up to 20ug Samples: Frozen tissue, cells & blood samples.	up to 10 samples	35,700
GMOL-01D	Genomic DNA isolation from plant samples. Samples: Frozen plant samples.	Per Sample	12,500
GMOL-01E	Genomic DNA isolation from plant samples. Samples: Frozen plant samples.	up to 10 samples	37,890
GMOL-01E	Custom plasmid isolation service (Deliverable: up to 10 ug pDNA)	Per Sample	10,000
GMOL-01F	Custom plasmid isolation service (Deliverable: up to 200 ug pDNA)	Per Sample	20,000
GMOL-01G	Custom plasmid isolation service (Deliverable: up to 1 mg pDNA)	Per Sample	40,000
GMOL-01I	Custom plasmid isolation service (low copy number) (up to 20 ug pDNA)	Per Sample	25,000
GMOL-01I	Custom plasmid isolation service (low copy number) (up to 20 ug pDNA)	Per Sample	287,50

## DNA Gel Electrophoresis Services

GRS-07-11	PCR Optimization and quality check through Agarose gel electrophoresis	Per Target	5,500
GRS-07-11A	PCR Optimization and quality check through Agarose gel electrophoresis	up to 10 Targets	15,000

## RNA & cDNA Synthesis Services

GRES-01A	Total RNA Extraction service and quality check by Agarose gel electrophoresis (Phenolic method)	Per Sample	15,000
GRES-01B	Total RNA Extraction service and quality check by Agarose gel electrophoresis (phenolic method)	up to 10 samples	52,000
GRES-01C	Total RNA Extraction service and quality check by Agarose gel electrophoresis (non-phenolic method)	Per Sample	18,000
GRES-01D	Total RNA Extraction service and quality check by Agarose gel electrophoresis (non-phenolic method)	up to 10 samples	60,000
GRES-01E	Total RNA Extraction service and quality check by MOPS (Phenolic method)	Per Sample	20,000
GRES-01F	Total RNA Extraction service and quality check by MOPS (phenolic method)	up to 10 samples	57,000
GRES-01G	Total RNA Extraction service and quality check by MOPS (non-phenolic method)	Per Sample	23,000

Cat. No.	Service Description	Pack Size	Price in INR
GRES-01H	Total RNA Extraction service and quality check by MOPS (non-phenolic method)	up to 10 samples	65,000
GRES-02A	cDNA synthesis from total RNA/ mRNA; Reverse transcription experiment PCR: First strand cDNA synthesis by Oligo dT or random hexamer, includes primer synthesis of house keeping gene	Per Sample	25,500
GRES-02B	cDNA synthesis from total RNA/ mRNA Reverse transcription PCR: First strand cDNA synthesis by Oligo dT or random hexamer, includes primer synthesis of house keeping gene	up to 10 samples	98,000

## Real Time qPCR Services

GRTP-01	Quantitative real time PCR by SYBR green method (up to 24 reactions)	Per Test	25,000
GRTP-01A	Additional reaction	Per Reaction	750
GRTP-02	Quantitative real time PCR by TAQMAN chemistry (up to 24 reactions)	Per Test	35,000
GRTP-02A	Additional reaction	Per Reaction	1,000
GRTP-03	Real time data analysis (fold increase, relative expression, absolute quantification)	Per Analysis	10,000
GRTP-04	Primer designing for standard PCR	Per Primer Set	500
GRTP-05	Primer designing for real time qPCR	Per Primer Set	1,000
GRTP-06	Primer and TaqMan probe designing for real time qPCR	Per Primer Set	1,500
GRTP-07	LAMP Primer designing and synthesis	Per Primer Set	50,000

## PCR & Cloning Services

GMOL-06	Molecular cloning of custom DNA fragment, includes: Restriction digestion of customer-provided vector and insert with appropriate restriction enzymes; treatment with phosphatases & PNK as required and gel purification; Ligation of digested fragments to generate desired vector clone; screening and selection of positive clones by PCR and/or restriction digestion; Cloning confirmation by 'vector: insert end-joint' sequencing; MiniPrep for selected plasmid- ~2µg of isolated plasmid DNA will be provided.	Per Cloning	35,000
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## Site Directed Mutagenesis Services

GMOL-07G	Introduction of point mutation by Site directed Mutagenesis; includes : Design and synthesis of mutagenesis primers, PCR amplification, Confirmation of desired mutations by DNA sequencing, Delivery of purified plasmid DNA construct or its glycerol stock. (single point or multiple point mutations within 6 bases)	Per SDM Reaction	45,000
GMOL-07H	Preparation of deletion mutant (≥10 bp from wild-type) construct; includes: Design and synthesis of primers, PCR amplification, Confirmation of desired mutations by DNA sequencing, Delivery of purified plasmid DNA construct or its glycerol stock. (30% extra charge above the unit price will be applicable in case of amplicon size ≥10 kb)	Per Construct	65,000



Cat. No.	Service Description	Pack Size	Price in INR
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## Custom Western Blotting Services

GMOL-10	Custom protein expression analysis by western blot Includes: Protein extraction; SDS-PAGE, Blotting and immunoprobng, (protein specific Antibody have to be provided by the customer; extra charge will be applicable if our comapany provides antibody) and detection (chemiluminescence detection and chromogenic detection).	Per Blot	65,000
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## Protein Synthesis Services

GMOL-08	Bulk Protein expression and purification, in bacterial host includes: Cloning of Target gene in the expression vector, Expression analysis in the host, purification of the protein and characterization by SDS-PAGE. 1-5 mg bulk protein will be supplied in solution or lyophilized form.	Per Protein	8,50,000
GMOL-09	Custom protein expression analysis by SDS PAGE and Coomassie stain (E.Coli expression system)	Per Gel Analysis	19,800

## Proteomics Services

GMOL-16	Standard 2-Dimensional SDS-PAGE, electronic photo and file will be provided	Per Gel Analysis	1,50,000
GMOL-17	Standard 2-Dimensional SDS-PAGE, electronic photo and file will be provided	Per Two Gel Analysis	2,50,000
GASA01	Custom Peptide Synthesis (Price per amino acid for peptide of 6-30 amino acids*)		

Quantity**/ Purity	Desalt	≥70%	≥75%	≥80%	≥85%	≥90%	≥95%	≥98%	Price in ₹
1-4 mg	1200	1590	2040	2040	2640	2910	3150	4710	Price in ₹
5-9 mg	1410	1890	2340	2760	3150	3450	3690	5550	Price in ₹
10-14 mg	1590	2460	2760	3180	3690	4050	4350	6510	Price in ₹

\* Please inquire for peptides shorter than 6 mer and longer than 30 mer

\*\* Large scale, unusual, and difficulty peptides are available upon request

GASA03	Polyclonal antibody development up to 1 mg Includes: QC check, control sera isolation, immunization, total sera collection, antibody titre checking by ELISA supply of pre-immune and immunised sera up to 1ml to the customer	Per Antibody	1,10,000
	Cat. No.: GASA05 Supply of additional 1 mg protein	Per Sample	50,000
GASA07	Affinity purification of Antibody by protein A/G column, 1mg		65,000
GASA08	QC check (IP, WB, ELISA)		POR
PORGASA09	Western Blot-Check		20,000

## DNA Sequencing Services

GDP-177	Primer-walking and sequencing	Per bp	5
GDP-177A	Primer-walking and sequencing	Per bp	6
GDP-178	Sanger sequencing (500bp read)	Per stretch	1,200

Cat. No.	Service Description	Pack Size	Price in INR
GDP-182	Sequencing Native bacterial Plasmids	Per bp	8
GSNP-02	SNP detection and data analysis	Per 500 bases	7,500
GSNP-03	SNP detection and data analysis (Charges apply, if PCR fails even after repeated attempts)	Per 500 bases	7,500

## Microbial (Bacterial/ Fungal/ Yeast) Identification by Sequencing Analysis

GDP-178	16S rDNA Sequencing with gene-specific primers	Per isolate	15,000
GDP-178A	16S rDNA Sequencing with universal primers	Per isolate	12,000
GDP-179	18S rDNA Sequencing with gene-specific primers	Per isolate	15,000
GDP-179A	18S rDNA Sequencing with universal primers	Per isolate	12,000
GDP-183	ITS sequencing with universal primers	Per Isolate	15,000
GDP-183A	ITS sequencing with gene-specific primers	Per Isolate	12,000

## \*Culture on slant or glycerol stock, media and growth conditions

GDP-184	Unknown gene sequencing (from reported homologous sequences, 5' & 3' RACE, up to 2 Kb)	per sample	5,00,000
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## Custom Genotyping Services

GPOL-01	Plant Genotyping Services for pathogen detection	per disease	POR
GPOL-02	AFLP Fragment Analysis: Gel based polymorphism analyses within inter/intra species populations, varieties, strains, etc. (Primer design and synthesis charges extra)	one sample/ marker	2,500
GPOL-03	"Genotyping by RAPD Analysis: Gel based polymorphism analysis within closely related samples as well as Primer information, agarose gel photo, etc. provided"	one sample/ marker	2,500
GPOL-04	Genotyping by SSR/ISSR/STR analysis; Agarose gel based polymorphism report; Oligo design and synthesis & Bioinformatics analysis charged separately	one sample/ marker	2,500
GFRG-03	Multi-Locus Sequencing Typing (MLST): Once the sample information is available genotyping can be initiated; From genomic DNA isolation to PCR amplification and sequencing with customer provided oligo information; Chromatogram and analysis will be provided	Per Specimen	50,000
GFRG-05	Mitochondrial Sequencing to study human diseases such as diabetes, certain cancers, and mechanisms of aging and population genetics and biodiversity assessments	Per target	6,500

## Project based genotyping analysis along with bioinformatics Support

GNS019	Setup charges includes: (1) Project design, (2) Primer synthesis (desalted standard), (3)PCR optimization, (4) DNA isolation, purification, quality check	per project	2,00,000
GNS019-A	PCR Amplification optimization and quality confirmation	per amplification ( Min 1000 amplifications)	95
GNS019-B	Agilent Bioanalyzer based analysis	per sample analysis	20,000

Cat. No.	Service Description	Pack Size	Price in INR
GNS019-C	ABI Genetic analyzer based fragment analysis- (Modified primer will be provided on additional standard market price)	per 96 well plate	1,80,000
GNS019-D	Sequencing of polymorphic bands with both end sanger sequencing	per sample/ per band	2,500
GNS019-E	Bioinformatics analysis: Genetic Profiling of germplasm for geographical; Identification and biodiversity analysis; Germplasm Mapping analysis; QTL analysis (morphological data provided by customer); Biodiversity analysis; Phylogenetic tree construction; Clustering of population Statistical analysis for population study; Parental evaluation; Marker assisted profiling	per project	3,00,000
GNS020	Setup charges: For Large population analysis (Upto 100 samples) Includes Project design; Primer synthesis (desalted standard); PCR optimization	per project	3,00,000
GDK030	Custom quantitative real time PCR based diagnostic kit development		22,55,690
GNBS027	DNA Barcoding Service (per two targets)	Each Sample	18,985

## Custom PCR based Diagnostic Kit Development

Custom PCR based diagnostic kit development for detection of pathogens is provided comprising a DNA polymerase, dNTP's, a buffer, oligonucleotide primer capable of amplifying a target nucleic acid sequence of interest and a plurality of calibrated droppers. Use of calibrated droppers avoids the need for automatic and semi-automatic liquid handling device while performing nucleic acid amplification.

- High sensitivity & accuracy.
- Save time: Replace traditional days culture testing with the rapid PCR Test.
- Minimize the risk of false negatives and false positives.

### Features:

### Specifications:

1. Contamination detection
2. Laboratory diagnosis
3. Species identification

1. High sensitivity
2. High specificity
3. Short operating time
4. Good stability

### Cat.# GDK028

#### Service Description:

- Nucleic acid isolation from pathogens causing human diseases, animal diseases and zoonotic diseases
- Amplification optimization with most conserved disease markers
- Quality confirmation through agarose gel analysis and/ or color modification after amplification
- Direct PCR optimization from the crude samples and disease confirmation through color change

Service Cost\* (per project basis):

**INR 16,72,800** (\*this service includes project setup charge, process optimization and validation on real diseased samples, part by part cost will be informed on request, cost will be varied upon project complexity and time line)



GCC Biotech is supplier to the pharmaceutical, healthcare Products **Limulus Amebocyte Lysate (LAL)**

- F 245-125-Lyset 16 Test Vial-1.8ml
- F245-06-Lyset 16 Test Vial-1.8ml
- F245-125-Lyset 50 Test Vial-5.2ml
- F245-06-Lyset 50 Test Vial-5.2ml
- F245-0.3-Lyset 50 Test Vial-5.2ml 7360-Matched Endotoxin Standard (CSE)
- LRW Water- 100m/500ml Glass Tube- 10x75/ 13x100



## Custom RT-PCR based Diagnostic Kit Development

GCC Biotech has been developed a wide variety of different Real Time PCR Diagnostic Kits for the research use, including human diseases, animal diseases and zoonotic diseases PCR Diagnostic Kits. Based on PCR technique, these kits offer a quick, sensitive and accurate detection. These PCR Diagnostic Kits shows a high coincidence with traditional methods, but with analysis in a few hours rather than days.

### Specifications:

Contamination detection  
Laboratory diagnosis  
Species identification

### Cat.# GDK029

Service Description:

GCC's real time RT-PCR kit is used for the detection of diseases from serum, plasma or stool samples by using real time PCR systems. The kit contains a specific ready-to-use system for disease detection by Reverse Transcription Polymerase Chain Reaction (RT-PCR) in the real-time PCR system. The master contains reagents for the specific amplification of disease RNA including genotype I, II and III. The reaction is done in one step real time RT-PCR. The first step is a reverse transcription (RT): disease RNA is transcribed into cDNA. Then, a thermostable DNA polymerase is used to amplify the specific gene fragments by polymerase chain reaction. Fluorescence is emitted and measured by the real time systems' optical unit.

Service Cost\* (per project basis):

**INR 19,69,780** (\*this service includes project setup charge, process optimization and validation on real diseased samples, part by part cost will be informed on request, cost will be varied upon project complexity and time line)

## Custom PCR based Diagnostic Kit Development

DNA barcoding can serve a dual purpose as a new tool in the taxonomists toolbox supplementing their knowledge as well as being an innovative device for non-experts who need to make a quick identification. The gene region that is being used as the standard barcode for almost all animal like identifying birds, butterflies, fish, flies and many other animal groups and chloroplast, matK and rbcL, have been approved as the barcode regions for plants. Total service support on barcoding projects which is having four components,

- The Specimens
- The Laboratory Analysis
- The Database
- The Data Analysis

## Chemical Profiling Service

GCHM-01	HPLC based Small Molecule Quantification	per sample	1,50,000
GCHM-02	HPLC-LCMS based Metabolomics Analysis	per sample	15,00,000
GCHM-03	Plant Profiling (HPLC based)	per sample	20,00,000
GCHM-04	Cell Profiling (HPLC based)	per sample	15,00,000
GCHM-05	Analytical Service charges for Mass Spectrometry	per sample	2,8000
GCHM-06	Analytical Service charges for LCMS	per sample	4,0000
GCHM-07	Analytical Service charges for HPLC	per sample	3,2000
GCHM-08	Preparative Service charges for HPLC	per sample	25,0000
GCHM-09	Analytical Service charges for 1H NMR (CDCl <sub>3</sub> ), 500 MHz	per sample	2,8000
GCHM-10	Analytical Service charges for 1H NMR (DMSO-d <sub>6</sub> ), 500 MHz	per sample	3,6000
GCHM-11	Analytical Service charges for 1H NMR (MeOD-d <sub>4</sub> ), 500 MHz	per sample	3,600

GCHM-12	Analytical Service charges for <sup>1</sup> H NMR (D <sub>2</sub> O), 500 MHz	per sample	3,600
GCHM-13	Analytical Service charges for <sup>13</sup> C NMR(CDCI <sub>3</sub> ), 500 MHz, up to 1hr.	per sample	7,200
GCHM-14	Analytical Service charges for <sup>13</sup> C NMR(DMSO- <i>d</i> <sub>6</sub> ), 500 MHz, up to 1hr.	per sample	8,000
GCHM-15	Analytical Service charges for <sup>13</sup> C NMR(MeOD- <i>d</i> <sub>4</sub> ), 500 MHz, up to 1hr.	per sample	8,000
GCHM-16	Analytical Service charges for <sup>13</sup> C NMR(D <sub>2</sub> O), 500 MHz, up to 1hr.	per sample	8,000

## Organic Chemistry

G7931	New molecule	10 - 100 mg	POR*
G7932	Known molecule	10 - 100 mg	POR*
G7933	Known molecule	≥100 mg	POR*

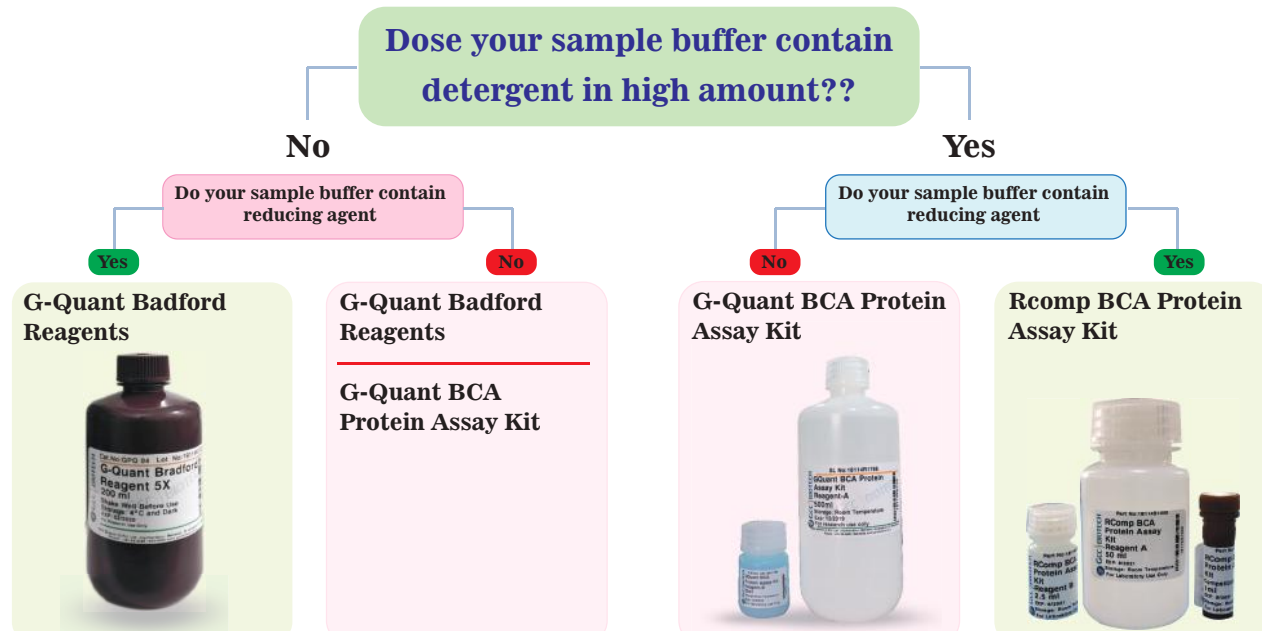
## HPLC Molecule Quantification

GCHM-01	HPLC based Small Molecule Quantification	Per Sample	1,50,000
GCHM-02	HPLC-LCMS based Metabolomics Analysis	Per sample	15,00,000
GCHM-03	Plant Profiling (HPLC based)	Per Sample Per compound	20,00,000
GCHM-04	Cell Profiling (HPLC based)	Per Sample Per compound	15,00,000

## Analytical Service charges for NMR (500 MHZ)

GCHM-09	Analytical Service charges for <sup>1</sup> H NMR (CDCl <sub>3</sub> ), 500 MHz	Per Sample	6,600
GCHM-10	Analytical Service charges for <sup>1</sup> H NMR (DMSO- <i>d</i> <sub>6</sub> ), 500 MHz	Per Sample	6,600
GCHM-11	Analytical Service charges for <sup>1</sup> H NMR (MeOD- <i>d</i> <sub>4</sub> ), 500 MHz	Per Sample	6,600
GCHM-12	Analytical Service charges for <sup>1</sup> H NMR (D <sub>2</sub> O), 500 MHz	Per Sample	6,600
GCHM-13	Analytical Service charges for <sup>13</sup> C NMR(CDCI <sub>3</sub> ), 500 MHz, up to 1hr	Per Sample	9,360
GCHM-14	Analytical Service charges for <sup>13</sup> C NMR(DMSO- <i>d</i> <sub>6</sub> ), 500 MHz, up to 1hr	Per Sample	10,400
GCHM-15	Analytical Service charges for <sup>13</sup> C NMR(MeOD- <i>d</i> <sub>4</sub> ), 500 MHz, up to 1hr.	Per Sample	10,400
GCHM-16	Analytical Service charges for <sup>13</sup> C NMR(D <sub>2</sub> O), 500 MHz, up to 1hr.	Per Sample	10,400

## QUICK FACTS for Protein Quantification



## Next Generation Sequencing Services

Specification	Cat.#	Data output	Read Length	Price in INR	Deliverable	Starting Material
Draft sequencing of bacteria/ virus/ fungi by mechanical shearing process from purified genomic DNA	GNGS-55	10 Mb to 100 Mb	200–300bp	1,01,164	“gDNA gDNA QC genomic library report”	purified genomic DNA/ slant culture
	GNGS-82		350-450bp	1,14,664		
	GNGS-56	100 Mb to 500 Mb	200–300bp	1,48,733		
	GNGS-83		350-450bp	174,233		
	GNGS-57	above 500 Mb	200–300bp	220,301		
	GNGS-84		350-450bp	233,801		
Draft sequencing of bacteria/ virus/ fungi by enzymatical shearing process from purified genomic DNA	GNGS-58	10 Mb to 100 Mb	200–300bp	98,042	“gDNA gDNA QC genomic library report”	purified genomic DNA/ slant culture
	GNGS-85		350-450bp	111,542		
	GNGS-59	100 Mb to 500 Mb	200–300bp	157,613		
	GNGS-86		350-450bp	171,113		
	GNGS-60	above 500 Mb	200–300bp	217,181		
	GNGS-87		350-450bp	230,681		
Reference assisted sequencing or targeted sequencing of bacteria / virus/ fungi by mechanical shearing process from purified genomic DNA	GNGS-55R	10 Mb to 100 Mb	200–300bp	101,164	“gDNA gDNA QC genomic library report”	purified genomic DNA/ slant culture
	GNGS-82R		350-450bp	114,664		
	GNGS-56R	100 Mb to 500 Mb	200–300bp	148,733		
	GNGS-83R		350-450bp	174,233		
	GNGS-57R	above 500 Mb	200–300bp	220,301		
	GNGS-84R		350-450bp	233,801		
Reference assisted sequencing or targeted sequencing of bacteria / virus/ fungi by enzymatical shearing process from purified genomic DNA	GNGS-58R	10 Mb to 100 Mb	200–300bp	98,042	“gDNA gDNA QC genomic library report”	purified genomic DNA/ slant culture
	GNGS-85R		350-450bp	111,542		
	GNGS-59R	100 Mb to 500 Mb	200–300bp	157,613		
	GNGS-86R		350-450bp	171,113		
	GNGS-60R	above 500 Mb	200–300bp	217,181		
	GNGS-87R		350-450bp	230,681		
“Targeted Amplicon Sequencing: without multiplexing For Multiplexing each sample will have additional Rs. 12000”	GNGS-61	10 Mb to 100 Mb	200–300bp	101,164	“gDNA QC and amplicon quality and genomic library report”	purified genomic DNA or amplicon
	GNGS-88		350-450bp	114,664		
	GNGS-62	100 Mb to 500 Mb	200–300bp	148,733		
	GNGS-89		350-450bp	174,233		
	GNGS-63	above 500 Mb	200–300bp	220,301		
	GNGS-90		350-450bp	233,801		
Microbial 16S rRNA/ 18S rRNA/ ITS region Ion Tag and community Metagenome sequencing	GNGS-64	10 Mb to 100 Mb	200–300bp	133,501	“gDNA QC and amplicon quality and genomic library report”	purified genomic DNA or amplicon
	GNGS-91		350-450bp	147,001		
	GNGS-65	100 Mb to 500 Mb	200–300bp	190,234		
	GNGS-92		350-450bp	203,734		
	GNGS-66	above 500 Mb	200–300bp	246,965		
	GNGS-93		350-450bp	260,465		

Specification	Cat.#	Data output	Read Length	Price in INR	Deliverable	Starting Material
Whole metagenome sequencing	GNGS-109	10 Mb to 100 Mb	200–300bp	133,501	“gDNA QC and amplicon quality and genomic library report”	Tissue/ blood sample
	GNGS-110		350–450bp	147,001		
	GNGS-111	100 Mb to 500 Mb	200–300bp	190,234		
	GNGS-112		350–450bp	203,734		
	GNGS-113	above 500 Mb	200–300bp	246,965		
	GNGS-114		350–450bp	260,465		
“Draft sequencing of mitochondrial DNA by enzymatic shearing process”	GNGS-67	10 Mb to 100 Mb	200–300bp	155,626	“gDNA QC and amplicon quality and genomic library report”	Tissue/ blood sample
	GNGS-94		350–450bp	179,626		
	GNGS-68	100 Mb to 500 Mb	200–300bp	215,195		
	GNGS-95		350–450bp	251,195		
	GNGS-69	above 500 Mb	200–300bp	274,765		
	GNGS-96		350–450bp	322,765		

## Soil metagenome analysis

Classification of soil microbial communities by amplification of the ribosomal RNA, spacer regions for agricultural point of view. Deliverable will be reproducible site-specific metagenomic DNA profiles, which in turn were employed for successful discrimination of visually similar soil samples collected from different locations.

Specification	Cat.#	Data output	Read Length	Price in INR	Deliverable	Starting Material
"Microbial 16S rRNA/ 18S rRNA/ ITS region Ion Tag and community-Metagenome analysis"	GNGS-120	100 Mb to 500 Mb	350-400bp	4,99,412	Report with Bioinformatics analysis	purified gDNA

## Custom Bioinformatics Services

### Metagenomics

Cat.#	Description	Deliverable	Unit	Price in ₹
GBIO-97	"16S-rRNA Microbiom Analysis (Analyzing the genomes without culturing the organisms in the community , diversity and functions of microbial community)"	"Quality filtration of reads, removal of Chimeric reads, QIIME-2, Assemble and Mapping, Phylogenetic analysis, identification of microbial community abundance, Analysis of dominant populations, Taxonomic distributions, functional annotation based on PICRUST, Expression analysis, Heat map, PCoA-plot, Refraction curve, Alpha & Beta diversity (more than 1 sample), Graph, Tables, Publication standard reports"	"Per Amplicon Data"	25,000



**GCC provides quality assured oligonucleotides using state of the art technologies at short turnaround time at affordable cost for your research needs**



## De novo RNA-Seq Analysis

Cat.#	Description	Deliverable	Unit	Price in ₹
GBIO-98	"Animal: denovo RNASeq analysis (Non -Reference based Genome assembly/Mapping and differential Gene expressions analysis)"	"Quality filtration of reads, denovo assembly, statistics summary, CDS prediction, functional annotation, KEGG & COG pathway analysis, differential gene expression (more than 1 sample), Heat map, volcano plot, graph and tables, Publication standard methods with reports."	"Per RNASeq data"	55,000
GBIO-99	"Plant: denovo RNASeq analysis (Reference based Genome assembly/Mapping and differential Gene expressions analysis)"	"Quality filtration of reads, denovo assembly, statistics summary, CDS prediction, functional annotation, KEGG & COG pathway analysis, differential gene expression (more than 1 sample), Heat map, graph and tables, Publication standard methods with reports."	"Per RNASeq data"	55,000

## Reference Based RNA-Seq Analysis

Cat.#	Description	Deliverable	Unit	Price in ₹
GBIO-100	"Plant: Reference based RNASeq analysis (Reference based Genome assembly/Mapping and differential Gene expressions analysis and annotations)"	"Quality filtration of reads, denovo assembly & mapping based on reference genome , statistics summary, CDS prediction, functional annotation, KEGG & COG pathway analysis, SNP identification, differential gene expression RPKM/FPKM (more than 1 sample), Heat map, volcano plot, scatter plot, BAM visualizations, graph and tables, Publication standard methods with reports."	Per RNASeq data	45,000
GBIO-101	"RNASeq- Alternative Splicing Sites Analysis (To find novel gene expression sites and functional annotations)"	"Quality filtration of reads, denovo assembly & mapping based on reference genome , statistics summary, splicing junction , graphical illustration of alternative splice events, exon skipping, intron retention, donor and receptor sites, functional annotation, KEGG & COG pathway analysis, differential gene expression RPKM/FPKM (more than 1 sample), graph and tables, Publication standard methods with reports."	Per RNASeq data	45,000

## Requirement from the customers

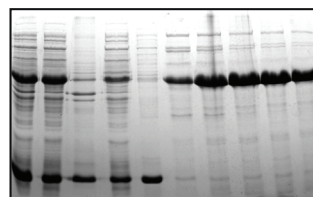
1. NGS Data: Forward & Reverse reads of FASTQ files for per sample data set
2. Name of NGS Sequencing Platform (ie: illumina, 454)
3. Barcode & Primer details
4. Name of the organisms of sample

## Just 2 minutes G-SNAP In gel Protein Visualization Reagents

### Eliminate



























- Staining
- Destaining
- Use of corrosive materials

Get result over uv AFTER 2-3 min EXPOSURE



Overexpressed protein was purified from bacteria, quality was analysed through SDS- PAGE. GEL was visualize using G-SNAP IN GEL PROTEIN VISUALIZATION REAGENT.



Cat.#	Service Specification Software Description	Per Pack	Price in ₹
GASGQ	GelQuant Express Analysis Software Applicable for both OS (Windows XP Pro and Windows 7) Quantitative Analysis of Gels Using the 1D Tool	per license	87,200
GTNDS	Total Lab (TND 100) Software easy to use comprehensive gel analysis for both bands	per license	1,75,297
GBNSM	Bio Numerics Software and Modules BioNumerics is a very comprehensive software package  <ul style="list-style-type: none"> <li> Pulsed-field gel electrophoresis (PFGE) typing</li> <li> AFLP-based co-dominant band scoring</li> <li> Molecular surveillance networks</li> <li> Bacterial community fingerprinting</li> <li> CSCE-based Hetero-Duplex Analysis (HDA)</li> <li> Multiplex Ligation-dependent Probe Amplification (MLPA) analysis</li> <li> Mycobacterial Interspersed Repetitive Unit (MIRU) typing</li> <li> Phylogenetic typing with internal transcribed spacers (ITS)</li> <li> HIV drug resistance prediction</li> <li> TaqMan SNP genotyping</li> <li> Multilocus sequence typing (MLST) analysis</li> <li> Sequence typing of polymorphic VNTR's</li> <li> Sequence-based typing of viruses</li> <li> MALDI-TOF bacterial identification</li> <li> Whole genome multi locus sequence typing (wgMLST)</li> <li> Multi-Locus VNTR Analysis (MLVA)</li> </ul>	Per license	9,87,000
GPPAP	PAUP version 4 Software Tools for inferring and interpreting phylogenetic trees Analyze: Molecular sequences, morphological data and other data types using Maximum likelihood, parsimony and distance methods	Per license	77,500
GNTSS	NTSYSpc Software Numerical Taxonomy System  <ul style="list-style-type: none"> <li> Graph theoretic methods</li> <li> Clustering</li> <li> Similarity and dissimilarity</li> <li> principal components &amp; principal coordinates analysis</li> <li> Phenograms, phylogenetic trees, 2D scatter plots</li> <li> Tests for homogeneity of covariance matrices</li> <li> Procrustes analysis</li> <li> Fourier analysis</li> <li> Mantel test</li> <li> 3-way Mantel test</li> </ul>	Per license	16,23,000

Cat.#	Service Specification Software Description	Per Pack	Price in ₹
GXLSS	<p>XLSTAT Software for Windows: XLSTAT Pro/ Core Statistical Software</p> <ul style="list-style-type: none"> <li>Pro / Core statistical software</li> <li>3DPlot / 3-D visualization</li> <li>ADA / Advanced Data Analysis on Multiple tables</li> <li>CCR / Correlated Component Regression</li> <li>Conjoint / Conjoint analysis</li> <li>DOE / Design of experiment software</li> <li>Dose / Dose effect analysis</li> <li>LG / Latent Class models</li> <li>Life / Survival analysis</li> <li>MX / Market research and sensory analysis</li> <li>OMICs / OMICs data analysis</li> <li>Pivot / Pivot table</li> <li>PLS / Partial Least Squares regression</li> <li>PLSPM/PLS Path Modelling</li> <li>Power / Statistical Power</li> <li>Sim / Simulation</li> <li>SPC/ Statistical Process Control</li> <li>Time / Time series analysis</li> </ul>	Per license	2,81,000

## Amplify without prior DNA purification

a Fastract Direct PCR Kit® from different sources

Minimal hands-on time

From sample to PCR in one step

For multiple PCR reactions

Robust hot-start DNA polymerases enable high yields of specific product

For sample storage



The G-isoNamp Seed PCR Kit has been customized to individual to rapidly extract DNA from plant seeds and amplify targets of interest by PCR. A novel extraction method eliminates the need for long enzymatic digestions. The kit also includes a specially formulated hot start PCR reaction mix for amplification directly from the extract.



A BIOMÉRIEUX COMPANY



Manage. Analyze. Discover.

## GLOBAL ACCEPTANCE

With over 4,000 active licences in more than 100 countries, you will join a worldwide network of convinced customers.

## WORKSHOPS & TRAINING

Get to know our software or gain in-depth knowledge, with our in-house workshops and/or customized on-site trainings.

## DATA ANALYSIS SERVICES

Lacking manpower, even temporarily? Need help analyzing your data? We can do it for you!

## FULLY MODULAR

You only choose the modules you need. Pick\* between 5 Data modules and 5 Analysis modules.

## CUSTOMIZED SCRIPTS

Our developers can write custom scripts to make BioNumerics even more tailored to your specific requirements.

## FREE PRODUCT SUPPORT

When purchasing a BioNumerics license you get free support from our in-house experts.

# BioNumerics®

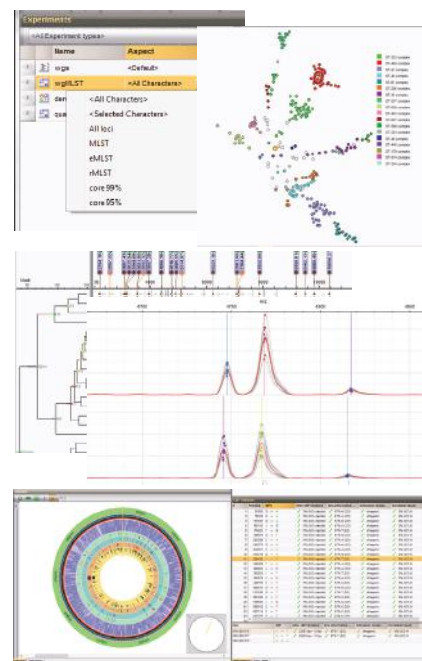
MICROBIAL DATA ANALYSIS SOFTWARE

BioNumerics is the only software platform that offers integrated analysis of all major applications in bioinformatics: NGS sequences, electrophoresis gels, MALDI-TOF MS, chromatographic and spectrometric profiles, phenotypic characters, microarrays, and sequences. Its unique power lies in its ability to combine information from various genomic and phenotypic sources into one global database and conduct combined analyses. With over 4,000 active licenses and citations in 10,000+ peer-reviewed research papers, the software has gained global recognition as an invaluable, cutting-edge tool for microbiological research and routine applications.



## Functionalities: a quick overview

- AFLP-based band scoring
- Antibiotic resistance profiling
- Community fingerprinting
- Diversilab genotyping
- Hetero-Duplex Analysis (HDA)
- MLPA analysis
- MLVA typing
- Molecular surveillance
- PFGE typing
- Sequence-based typing
- HIV drug resistance
- ISSR-PCR using QIAxcel
- ITS typing
- MALDI-TOF MS
- MIRU-VNTR typing
- Sequence repeat typing
- SmartFinder data analysis
- spa typing
- TaqMan SNP genotyping
- whole genome SNP / MLST



For Research Use Only. Not for use in diagnostic procedures. NOTICE TO PURCHASER: LICENSE DISCLAIMER

[www.bionumerics.com](http://www.bionumerics.com)



## MAGNETIC STIRRER

### GMS-H280-Pro Hot Plate Magnetic Stirrer

Work plate dimensions: 135mm (5 inch)  
Max. Stirring quantity: 3 L  
Speed range: 100-1500 rpm  
Heating temperature range: Room temp  
-280, increment 1°C  
Work plate material: stainless steel  
Cover with ceramic

**Rs. 45,400**

### GMS7-H550-PRO Hot Plate

**Magnetic Stirrer**  
Work plate dimensions (W X D): 184x184mm (7 inch)  
**Work Plate Material:** Glass Ceramic  
**Power:** 1050W  
**Capacity:** 20 L  
**Speed:** 100-1500rpm

**Rs. 87,500**

### GMS-H-S10 Hot Plate

**Magnetic Stirrer**  
Work plate dimensions: 180x450mm  
**Power:** 490W  
Heating output- 470W  
**Speed Range:** 0-1100 rpm  
**Heating Team. Range:** RT-120°C  
**Weight:** 1.8kg

**Rs. 1,87,000**

### GMS7-H550-S Hot Plate

**Magnetic Stirrer**  
**Work plate dimensions: (W x D):**  
184X184mm (7 inch)  
Work plate material: Glass ceramic  
**Power:** 1030W  
**Capacity:** 10L  
**Weight:** 4.5kg

**Rs. 71,500**

## METER

### GBIPH-25 PH Meter

**Range pH:** (0.00-14.00) pH  
**Range mV:** (0-1599) mV  
**Resolution pH:** 0.01 pH  
**Resolution mV:** 1 mV  
**Stability:** ( $\pm 0.05$  pH $\pm 1d$ )/3h  
**Communication Interface:** Rs-232

**Rs. 21,800**



### GBI-PM30 Multiparameter

**PH Range:** -2.000-20.000PH  
**PH Resolution:** 0.001, 0.01, 0.1pH, **Selectable, PH Accuracy:**  
0.002pH Measuring Mode Absolute: mV or Relative Mv,  
Resolution: 1/0, 1/0.01  
**Temp. Range:** 0-105oC/32-221o F  
**Rs. 61,400**

### GBI-PH-710L PH Meter

**BI-12DW Conductivity Meter**  
**Conductivity Range:** 0-20mS/cm (Max 200mS/cm)  
**Conductivity Accuracy:**  $\pm 1\%$ F.S  
**Temperature Range:** 0-100°C **Temperature Compensation:**  
0-50°C. Automatic or Manual  
**Calibration Points:** 1 point per range  
**Rs. 61,000**

### GBI-PH-710L PH Meter

**Display:** 7 inch capacitive touch screen  
With resolution 1024°600  
**pH Measurement range:** -2,000-19.999pH  
**pH Resolution:** 0.1/0.01pH  
**pH Accuracy:** Electrode:  $\pm 0.02$ pH  
**Mv Resolution:** 0.1mV  
**Temperature Resolution:** 0.1°C  
**Calibration:** Automatic 1,2,3,5 points  
Europe, USA, NIST Standards  
**Rs. 61,000**

## ICE FLAKING MACHINE

### GBIIF-20 ICE Flaking Machine

**Ice Making Capacity:** 20Kg/24Hr  
**Ice Storage:** 10 Kg  
**Cooling Type:** Air Cooling  
**Refrigerant:** R134a Stainless Steel 304 Exterior Fully Automatic  
Controller  
**Rs. 1,43,000**

## LIQUID NITROGEN CONTAINER

### GMP500V Power Supply

**Output Voltage/Inc:** 5-500V  
**Output Current/Inc:** 1-800mA,  
**Output Watt/Inc:** 300W/1W  
**Program Storage:** 30 Programmes  
**Type of output:** Constant voltage or  
Constant current  
**PAUSE Function:** Yes  
**POR**



## HOMOGENIZER

### GBI-50 Tissue Grinder

3000-8000 rpm adjustable speed control by External load remains constant speed Output 4-bit LCD screen, buttons to Set the speed Brushless motor greatly Extend the life of the motor

**Rs. 55,400**

## WEIGHING BALANCE

### GBIS 203 Weighing Balance

**Capacity:** 200g  
**Readability:** 0.001g  
**Linearity ( $\pm$  /-):** 0.002g  
**Pan Size (mm):** 80  $\varnothing$   
**Response Time:**  $\leq$ 3 Sec. Calibration-single key with external weights

**Rs. 42,400**

## SPECTROPHOTO METER

### GBI-100 Nano Drop

**Wavelength Range:** 200-800nm  
**Minimum Size:** 0.5-2.0ul  
**Absorbance Precision:** 0.003abs  
**Spectral Resolution:**  $\geq$ 3nm  
(FWHM at Hg 546 nm)  
**Absorbance Accuracy:** 1%(at 0.76 at 350nm)  
**POR**

## PCR MACHINE & PCR PLATE CENTRIFUGE

### GBI-PCR-2200 Plate Centrifuge

**Rotating speed:** 2200-2800 rpm  
**Timing range:** 15sec-1min 59 sec  
**Capacity:** 2 PCR plates  
**Power:** 45w  
**Max(RCF):** 550g

**Rs. 53,000**

## UV TRANSILLUMINATOR

### GBITH-100 Thermoshaker Heating

**Temp control range:** RT $\pm$  5°C-100°C  
**Shaking speed:** 200-1800rpm  
**Multi cycle:** Yes(Max 99 times)  
**Display accuracy:** 0.1°C  
**Orbit:** 3mm  
**Multi points running:** Yes (Max 5 points)

**Rs. 1,29,000**



### GBITC-100 Thermoshaker Cooling

**Temp setting range:** .0°C-100°C  
**Shaking speed:** 200-1500rpm  
**Multi cycle:** Yes (Max 99 times)  
**Display accuracy:** 0.1°C  
**Orbit:** 3mm  
**Multi points running:** Yes (Max 5 points)

**Rs. 1,78,000**

## ELISA READER & WASHER

### GBI-320 Elisa Washer

**Manifold:** 8 pins and 12 pins  
**Wash time:** 0-99 times adjustable  
**Wash streps:** 1-12 adjustable  
**Resolution:** 50-3000ul/hole

**Rs. 3,15,000**

## ELECTROPHORESIS POWER SUPPLY

### GMP-8003 Vertical

#### ELECTROPHORESIS SYSTEM

Mini P-4 electrophoresis cell (2 gels),  
Casting standards, 2 casting frames,  
5 sets of glass plates, 10-well combs x5 sample loading guide,  
Total buffer volume for 2 gels -700ml

**Rs. 1,15,000**

### GMP-8001 Vertical

#### ELECTROPHORESIS SYSTE

Mini P-4 Electrophoresis System  
Casting standards, 2 casting frames,  
5 sets of glass plates, 10-well combs x5, sample loading guide,  
Total buffer volume for 4 gels-1000 ml

**Rs. 1,49,000**

### GMP-3035 Western Blotting System

**Blotting area:** 7.5 x 10 cm  
**Buffer requirement:** 450 ml  
Mini-TBC trans blot module,  
**Includes:** Mini transfer module  
2 gel holder cassettes, 4 fibers pads,  
Cooling units, instructions

**Rs. 74,000**

## GMP-300V

### Power Supply

Output voltage/Inc : 2-300v/1V  
Output current/Inc.: 1-700mA/1mA  
Max. Watt: 150W  
Output type: Constant voltage/Current  
Timer: 1-999mins with alarm  
Pause functions: Yes

**Rs. 1,03,500**

## GBI-16000E Refrigerated Centrifuge

Max speed: 16000rpm  
Max RCF: 19040xg  
Timer: 1-99h59min  
Speed accuracy:  $\pm 20$ rpm  
Max volume: 24x1.5ml/2ml  
Temperature range: -20-40°C

**Rs. 3,65,000**

## DRY BATH & THERMOSHAKE

### GBIDH-100 Dry Bath

Temp. control range: RT $\pm$  5°C-100°C  
Temp. accuracy:  $\leq \pm 0.3^\circ\text{C}$   
Temp. uniformity:  $\leq \pm 0.3^\circ\text{C}$   
Timing range: 1min-99h59min/  
Multi points running: Yes (Max 5 points)

**Rs. 53,000**

### GBIDC-100 DRY BATH

Temp. control range: RT $\pm$  5°C-100°C  
Temp. accuracy:  $\leq \pm 0.3^\circ\text{C}$   
Temp. uniformity:  $\leq \pm 0.3^\circ\text{C}$   
Timing range: 1min-99h 59min/  
Multi points running: Yes (Max 5 points)

**Rs. 1,19,000**

## AUTOClave

### GBIVA0022 Vertical Autoclave

Inner Chamber 304 Grade S.S. & Outer M.S. Provided with Wing nut type locking Arrangement, Spring Loaded Safety Valve, Pressure Gauge, Pressure Release Valve, Water Level Indicator & Drain Valve, Size: 250 X 450mm  
Capacity: 2 Ltr.

**Rs. 85,000**

### GBIVA0040 Vertical Autoclave

Inner Chamber 304 Grade S.S. & Outer M.S. Provided with Wing nut type locking Arrangement, Spring Loaded Safety Valve, Pressure Gauge, Pressure Release Valve, Water Level Indicator & drain Valve  
Size: 300 x 500mm, Capacity: 40 Ltr.

**Rs. 99,500**

## GBI-A35L Vertical Autoclave

Volume: 35L  
Max Working Temperature: 134°C  
Max Working Pressure: 0.22mpa  
Time Range: 0.80min  
Temperature Range: 115°-129°C  
Sterilization Chamber: 0280°477mm  
Power: ACC220V/50Hz/2.5KW

**Rs. 2,99,500**

## GBI-A50L Vertical Autoclave

Volume: 50L  
Max working Temperature: 134°C  
Max working Pressure: 0.22mpa  
Time Range: 0-80min  
Temperature Range: 115°C-129°C  
Sterilization Chamber: 300°537mm  
Power: ACC220N/50Hz/2.5KW

**Rs. 3,85,000**

## CENTRIFUGE

### GBI-6000 Mini Centrifuge

Maximum Speed: 6000rpm  
Max RCF(XG): 2000xg  
Run Time: Continuous Operation  
Rotor Capacity: 0.2/0.5/1.5/2.0X6  
0.2mlX16PCR Strips  
0.2X2PCR 8 Strips

**Rs. 12,900**

### GBI-10K PLUS Mini Centrifuge

Speed Range: 3000-10000RPM  
RCF: 1000g-7500g  
Rotor: 8X2.0ml/1.5ml Centrifuge tubes  
Time Range: 1st-999min  
Noise: 55dB

**Rs. 34,200**

### GBI-10M Centrifuge

Max speed: 10000rpm  
Digital Speed Indicator  
Timer: 0-59min  
Microprocessor bases 2 lines 16 Characters LCD Panel  
Fitted with well balanced universal motor  
Angle Head 6x15ml/4x50ml

**Rs. 66,000**



Cat No.	Products	Pack Size	Price
GT4577	0.5ml Flat Top Tubes, Snap Cap	1000 Pcs	793
GA4578	Transparent Adhesive Sealing Film	100 Pcs	5,850
GA4579	96 well PCR Plate	25 Pcs	5,525
GA4580	0.2ml PCR Reaction Strip Tubes Of 8 (with cap)	125 Pcs	6,890
GA4581	Cap Strip Of 8, Flat Cap (Caps Only)	125 Pcs	1,170
GA4582	THIN WALLED PCR-TUBES	1000 Pcs	2,860
GA4583	THIN WALLED PCR - REACTION STRIPS (8) WITH ATTACHED CAP STRIP	125 Pcs	6,890
GA4584	PCR Plates, High Well, Natural, 96 Well	25 Pcs	5,525
GA4585	PCR Plates, Low Profile, Natural, 96 Well	25 Pcs	6,500
GG4586	200µL Microtips	1000 Pcs	663

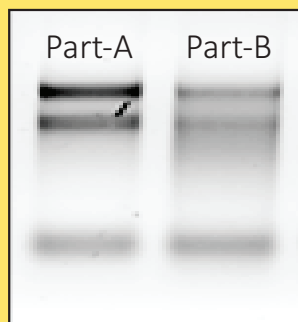
Cat No.	Products	Pack Size	Price
GG4587	1000µL Microtips	500 Pcs	1,560
GG4588	MICROTIPS - Sterile -10ul	1000 Pcs	1,235
GT4589	0.5 ml Graduated Micro Centrifuge Tubes	1000 Pcs	793
GA4590	1.5 ml Graduated Micro Centrifuge Tubes	500 Pcs	1,430
GT4591	2.0 ml Graduated Micro Centrifuge Tubes	500 Pcs	624
GA4592	15 MI CENTRIFUGE TUBE WITH SCREW CAP	50 Pcs	650
GA4593	50 MI CENTRIFUGE TUBE WITH SCREW CAP	50 Pcs	715
GJ4592	Midi Submarine Gel Electrophoresis Regular Horizontal	1 Pc	75900
GJ4595	Midi Submarine Gel Electrophoresis Regular Vertical	1 Pc	61500
GJ4596	Electrophoresis Power supply Unit	1 Pc	85700

If you want to go ahead.... walk with GCC BIOTECH

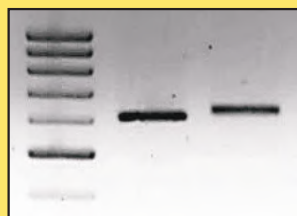
## GSure® RNA Isolation Kit from **Mango pulp**



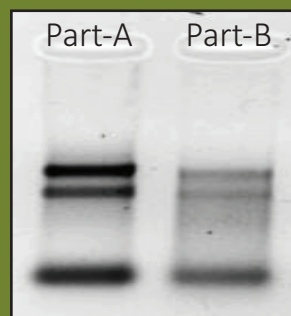
## GSure® RNA Isolation Kit from **Guava Pulp**



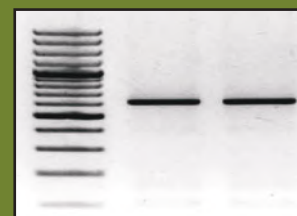
Total RNA from isolated from Green Mango Pulp using kit Part-A and Part-B Buffers



cDNA preparation and end point PCR was done against actin and RBCL gene



Total RNA from isolated from Green Guava Pulp using kit Part-A and Part-B Buffers



cDNA preparation and end point PCR was done against RBCL gene



# Terms & Conditions

## A. Prices

This price list cancels all previous price lists. Prices mentioned in this price list are in Indian Rupees and are ruling at the time of printing of the price list & are subject to change without prior notice. Unless otherwise mentioned, the st prices listed here are valid till 31 March 2020 only. Invoices will be made on the basis of prices ruling on the date of despatch / delivery of goods. Dry Ice, Packing charges Rs. 1900/- will be charges extra.

## B. Taxes

All Sales Tax & other Govt. Levies such as octroi etc. shall be charged extra at the time of supply / billing as applicable. Customer who have any GST exemption certificate must submit the necessary GST exemption documents along with the confirm order. In absence such form should be charged in full as applicable.

## C. Claims

All the consignment should be verify immediately on receipt of the same at your end and in case you found any discrepancy please put forward the same to our notice within 4 days from the date of receipt of the material by you.

## D. Dispatch / Delivery

1. Prices quoted in the price list are on Ex-godown basis.
2. Dispatched will be made within 3 to 4 weeks after getting official order.
3. Freight will be Rs. 1900/- per shipment (except Delhi)

## E. Payment

All payments are to be made by Demand Draft (DD)/ RTGS/ NEFT drown on GCC BIOTECH (INDIA) PVT. LTD. & payment should made within 15 to 30 days.

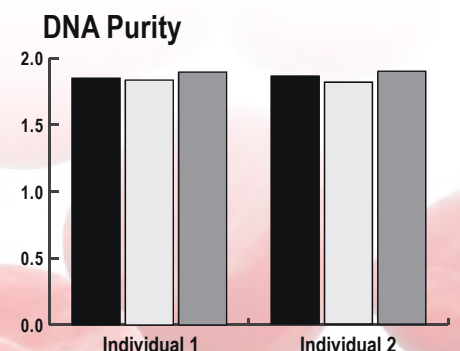
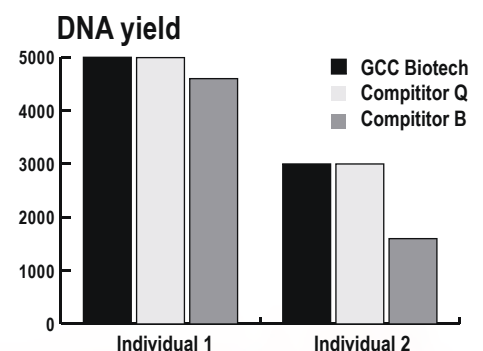
## F. Special Notes


1. No amendments or cancellation of order will be accepted once the goods are despatched.
2. The terms of supply are subjected to Delhi / Kolkata Jurisdictions only & are subject to force majures lose.
3. All products & services listed in this price list are for research purpose only.
4. Error & omissions exempted (E & OE)

## GSure® Blood DNA Isolation Kit

**Spend Only 45 mins**  
**Get 25-30  $\mu$ g DNA from 1ml Blood**

- No need to do Hours of work, rapid purification of high quality DNA
- Complete removal of contaminants and inhibitors
- Ready to use DNA from blood for downstream applications
- Best Price





We are thankful to  
all scientist for keeping faith  
on us and constantly  
supporting our development.

## **GCC BIOTECH INDIA PVT. LTD.**

### **Lab & Office :**

Joychandipur, Bakrahat, South 24 parganas  
PIN. 743377, W.B., (India)  
91-33-24951044 / 0004  
91-33-40608482

### **Regd. Office :**

351, 3rd Floor, BMK, Giri Nagar  
Kalkaji, New Delhi-110019, (India)  
91-11-26440301  
91-11-26418606

### **Important Contacts :**

<b>Delhi:</b>	9073682403, 9073682404, 9073682405, 9073682406, 9073682407
<b>Hydrabad :</b>	9073682411, 9073682412, 9073682413, 9073682414
<b>Bengaluru :</b>	9073682415, 9073682416, 9073682417
<b>Kolkata:</b>	9073682423, 9073682424, 9073682425
<b>Chennai:</b>	9073682418
<b>Chandigarh :</b>	9073682419
<b>Mumbai :</b>	9073682421
<b>Guwahati (N.E) :</b>	9073682422
<b>Lucknow :</b>	9073682408
<b>Karnal :</b>	9073682409
<b>Bhopal :</b>	9073682410
<b>Bhubaneswae :</b>	9073682426
<b>Jorhat :</b>	9073682427