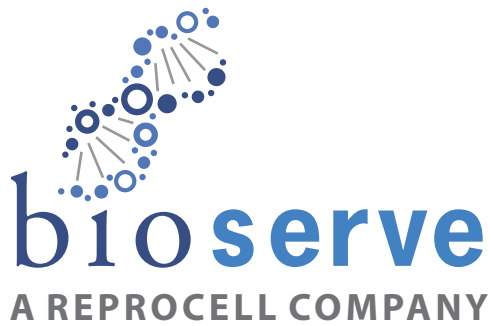




PRICE-LIST 2020-2022





## About Us

***Providing genomic analysis needed by scientists to make breakthroughs in research, drug discovery and molecular diagnostics.***

BioServe was established in 1989 in Maryland USA with the objective of providing high-end Genomic solutions and testing Services in the Biotech and Bio-pharmaceutical domain. The founders leveraged their research experience in major National institutes like the NIH and NCI to offer high-quality and reliable commercial services to the local biotech industry. In the years since our founding the quality of our Genomic products and services have been validated worldwide by renowned academic institutions, clinical research labs in the govt. and private sector, bio-pharma firms and diagnostic companies.

In 2002, BioServe India set up its Indian Laboratory and research center in Hyderabad, in the state of Telangana. BioServe Biotechnologies (India) Pvt. Ltd., (BioServe India in short) offers matching services to the rapidly growing Indian Biotech industry. It also offers global customers the choice of dual sites with complementary capabilities.

BioServe India has assembled an exceptional team of dedicated and highly experienced scientists; and this combined with our state-of-the-art technologies, equipments, custom protocols and accredited facilities ensures the highest standards of quality in our services. Thru constant R&D and innovation and use of high-throughput equipments we are able to meet challenging and complex requirements of customers in a cost-effective and efficient manner. We also take pride in our quick response times and individualized attention to client's needs.

Customers of BioServe India include International and National Research Institutes, renowned Academic Institutions, Biotechnology companies, Clinical Research Labs, Innovator Pharma and Bio-Pharma Companies, Research Hospitals and Diagnostic Companies besides many others.

The prices given in this booklet are for the year 2018 – 2020 for our standard complement of products and services. If you have any requirement for genomic products and services that are not covered here, please feel free to contact us and set up a meeting.

## Quality Policy

We at BioServe Biotechnologies (India) Pvt. Ltd. are committed to offer cost-effective, efficient and high-quality genomic / molecular services within a reasonable response time. We benchmark with the best to provide global standards of quality in all our businesses.

## Quality Control

Bioserve India maintains the highest level of quality control analysis for every service and product involved in our production.

## Certifications

**ISO 9001 : 2015**

**A DSIR Recognized R & D facility.**



## About REPROCELL

Established in 2003 by preeminent Japanese university researchers, REPROCELL quickly became the leading stem cell research company in Japan. Soon thereafter, REPROCELL products were employed by Professor Shinya Yamanaka (Nobel Laureate, 2012) during his pioneering research on induced pluripotent stem cell (iPSC) technologies at Kyoto University. REPROCELL was the first company to offer iPSC-derived human cardiomyocytes, hepatocytes and neuronal cells for research applications. As a market leader, with a portfolio of cells, culture media and reagents, the company was listed on the Japan JASDAQ/ Growth stock market in 2013.

In recent years, many commercial opportunities and applications were developed directly upstream and downstream of the iPSC workflow. Therefore, the company aggressively expanded its business through a series of acquisitions to become the REPROCELL Group Companies. Each company it acquired possessed intellectual property and knowledge that helps to amplify the value of the organization by complementing the capabilities of the others. Together, a workflow has emerged that spans from human tissue acquisition (Bioserve®, Biopta®), to iPSC reprogramming (Stemgent®), cell differentiation (REPROCELL), in vitro tissue modelling with 3D technology (Reinnervate®), and assay development for applications in drug discovery (Biopta®). More recently, these companies have been integrated and consolidated to regional offices, and the names converted to product and service brands. In the stem cell and drug discovery “market- space”, no other company has this broad combination of expertise that can be applied to nearly the entire span of the drug discovery pipeline, and even to new areas of regenerative medicine.

In the last few years, as a company REPROCELL has evolved in terms of global infrastructure and the corporate organization and strategy. By leveraging our knowledge-base of stem cell technologies, REPROCELL has planned a future that directly involves pursuit of regenerative medicine market opportunities. This evolution has compelled us to restructure, modify and define our future vision. The REPROCELL Corporate Profile Guide concisely explains our current organization and provides a guideline for corporate development and operations. A brief summary of the REPROCELL vision, mission and value statements are shown below.

## VISION

Improving human health through biomedical innovation and discovery.

## MISSION

We empower research scientists and medical professionals to improve the quality of human life by providing unique products and services that accelerate breakthrough medical technologies and therapies. We improve efficiency and add value with our collaborative approach and custom solutions that help conquer the technical challenges of drug development, human diagnostics, and regenerative medicine.

## VALUES

**QUALITY:** It is at the core of all we do. Investments in people and infrastructure drive quality thinking, quality products and services, and quality customer and patient experiences.

**INNOVATION:** Technical advancement requires that we remain flexible and agile. We are forward- thinking and embody the process of continuous improvement. We are dedicated to cultivating and commercializing cutting-edge research and advanced medical technologies to improve human health.

**TRUST:** As skilled experts, we are trusted partners in our customer’s success. We seek to build and maintain their trust through honest effort, communication and transparency.

**VALUE:** We add value by providing tools and services that de-risk, enable and accelerate customer research workflows and medical healthcare applications.

**CUSTOMER FOCUS:** We help solve critical challenges and provide customized results by listening, designing and implementing solutions to address the unique needs of our clients.

# CEO's MESSAGE

## **Dear Valued Customer,**

BioServe Biotechnologies (India) Pvt. Ltd. has been serving your needs for more than 24 years. We take great pride in our quality, customer centricity and turn-around time. Our dedicated employees and our commitment to lasting client relationships have helped us grow into one of India's largest biotechnology service providers.

BioServe India today offers Oligonucleotide Synthesis, Sanger sequencing, NGS-Sequencing services, Microbial Identification Service and a broad range of molecular biology reagents, Kits to Govt. Institutions, Pharma Companies and Industrial clients across India. We are constantly enhancing our technology and our offerings to ensure that you have the most state-of-the-art tools and products available. We continue to be a quality biotech product while bringing quality services to accelerate your research.

You will hear about more offerings from our stable soon!! We work extraordinarily hard to maintain an open dialogue with our clients to ensure that we continue to deliver products and services that you value.

We thank you for entrusting your business to us or considering our services for the future.

Thank You once again..!!

Please e-mail me directly in case you have queries or issues.

**Lalith Kishore**  
**Chief Executive Officer**  
**Email Id: [ceo.india@reprocell.com](mailto:ceo.india@reprocell.com)**

# CONTENTS

S.No.	PARTICULARS	PAGE No.
1.	CERTIFICATES	4-6
2.	OLIGO SYNTHESIS	7-8
3.	CUSTOM RNA SYNTHESIS	9
4.	GENE SYNTHESIS	9
5.	MOLECULAR BIOLOGY KITS	10-12
6.	TEACHING KITS	13-14
7.	GENETIC ANALYSER SERVICES (ABI 3730)	15-16
8.	MICROBIAL IDENTIFICATION SERVICE	17-18
9.	NUCLEIC ACID (DNA/RNA) EXTRACTION/ PURIFICATION & QUALITY ASSESSMENT	19-20
10.	MICROARRAY-HUMAN GENOTYPING	21-24
11.	MICROARRAY- PLANT GENOTYPING	25- 30
12.	MICROARRAY- ANIMAL GENOTYPING	31-35
13.	iSELECT PANELS (3072 to 1M SNPs)	36-37
14.	NEXT GENERATION SEQUENCING (ILLUMINA) LIBRARY PREPARATION FOR ILLUMINA SEQUENCING	38-39
15.	NEXT GENERATION SEQUENCING (ILLUMINA) NGS COMPREHENSIVE PROJECTS	40-45
16.	NEXT GENERATION SEQUENCING (ILLUMINA) BIOINFORMATICS ANALYSIS	45-47





सूचना  
का अधिकार

TELEGRAM : SCINDRECH  
दूरभाष/TEL : 26962819, 26567373  
(EPBAX) : 26565694, 26562133  
: 26565687, 26562144  
: 26562134, 26562122  
फैक्स/FAX : 26960629, 26529745  
Website : <http://www.dsir.gov.in>



भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
टेक्नोलॉजी भवन, नया महरौली मार्ग,  
नई दिल्ली - 110 016

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Department of Scientific and Industrial Research  
Technology Bhavan, New Mehrauli Road,  
New Delhi - 110 016



F. No. TU/IV-RD/2535/2018

Dated: 07<sup>th</sup> September, 2018

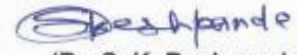
M/s. Bioserve Biotechnologies (India) Pvt. Ltd.  
3- 1- 135/1A, CNR Complex,  
Genome Valley, Mallapur Main Road, R.R. Dist,  
Hyderabad- 500 076

Subject: Registration of Research Institution, other than a Hospital, for the purpose of availing Customs duty exemption in terms of Government Notifications No. 51/96 - Customs dated 23.07.1996; No. 24/2007 - Customs dated 1.03.2007; No. 43/2017 - Customs dated 30.06.2017; No. 45/2017-Central Tax (Rate) & 47/2017-Integrated Tax (Rate) dated 14.11.2017; No. 9/2018 - Central Tax (Rate), No. 09/2018 Union Territory Tax (Rate) & No.10/2018-Integrated Tax (Rate) dated 25.01.2018; and State Tax (Rate) as applicable and all notification as amended from time to time.

#### CERTIFICATE OF REGISTRATION

This is to certify that the in-house R&D unit(s) of M/s. Bioserve Biotechnologies (India) Pvt. Ltd. located at 3-1-135/1A, CNR Complex, Genome Valley, Mallapur Main Road, R.R. Dist, Hyderabad is/are registered with the Department of Scientific & Industrial Research (DSIR) for purpose of availing customs duty exemption in terms of Government Notification No. 51/96 - Customs dated 23.07.1996; No. 24/2007 - Customs dated 1.03.2007; No. 43/2017 - Customs dated 30.06.2017; No. 45/2017-Central Tax (Rate) & 47/2017-Integrated Tax (Rate) dated 14.11.2017; No. 9/2018 - Central Tax (Rate), No. 09/2018 Union Territory Tax (Rate) & No.10/2018-Integrated Tax (Rate) dated 25.01.2018; and State Tax (Rate) as applicable and all notification as amended from time to time. The registration is subject to terms and conditions mentioned overleaf.

This registration is valid upto 31.03.2020.

  
(Dr S. K. Deshpande)  
Scientist - 'G'



सूचना  
का अधिकार

TELEGRAM : SCINDRECH  
दूरभाष/TEL : 26962819, 26567373  
(EPBAX) : 26565694, 26562133  
: 26565687, 26562144  
: 26562134, 26562122  
फैक्स/FAX : 26960629, 26529745  
Website : <http://www.dsir.gov.in>



सत्यमेव जयते

भारत सरकार

विज्ञान और प्रौद्योगिकी मंत्रालय  
वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
टेक्नोलॉजी भवन, नया महरौली मार्ग,  
नई दिल्ली - 110 016

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Department of Scientific and Industrial Research  
Technology Bhavan, New Mehrauli Road,  
New Delhi - 110 016



Dated: 07<sup>th</sup> September, 2018

F. No. TU/IV-RD/2535/2018

To

M/s. Bioserve Biotechnologies (India) Pvt. Ltd.  
3- 1- 135/1A, CNR Complex,  
Genome Valley, Mallapur Main Road, R.R. Dist,  
Hyderabad- 500 076

Subject: RENEWAL OF RECOGNITION OF IN-HOUSE R&D UNIT(s)

Dear Sirs,

This has reference to your application for renewal of recognition of your in-House R&D unit(s) beyond 31-03-2018 by the Department of Scientific and Industrial Research.

2. This is to inform you that it has been decided to accord renewal of recognition to the in-House R&D unit(s) of your firm at **3-1-135/1A, CNR Complex, Genome Valley, Mallapur Main Road, R.R. Dist, Hyderabad** upto **31.03.2020**. Terms and conditions pertaining to this recognition are given overleaf.

3. Kindly acknowledge the receipt of this letter.

Yours faithfully,

(Dr S. K. Deshpande)  
Scientist - 'G'

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
266017-2018-AQ-IND-UKAS

Initial certification date:  
07, September, 2006

Valid:  
05, July, 2018 - 04, July, 2021

This is to certify that the management system of

## **BioServe Biotechnologies (India) Pvt. Ltd.**

# 3-1-135/1A, CNR Complex, Genome Valley, Mallapur Main Road,  
Hyderabad - 500 076, Telangana, India

has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:  
**Providing customized biotechnology, genetic and genomic research services**

Place and date:  
Chennai, 06, July, 2018



For the issuing office:  
**DNV GL – Business Assurance  
ROMA, No. 10, GST Road, Alandur,  
Chennai - 600 016, India**

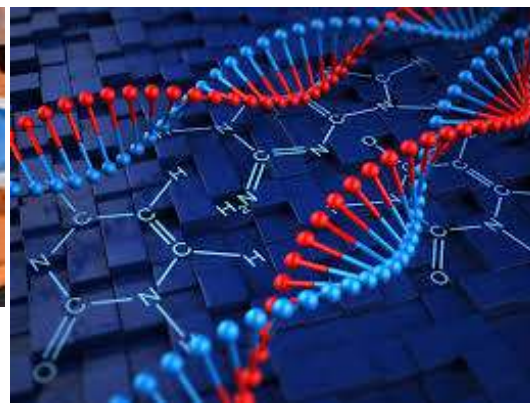
**Sivadasan Madiyath**  
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACCREDITED UNIT: DNV GL Business Assurance UK Limited, 4th Floor, Vivo Building, 30 Stamford Street, London, SE1 9LQ, United Kingdom.  
TEL: +44(0) 203 816 4000. www.dnvgl.co.uk





# OLIGO SYNTHESIS



# OLIGO SYNTHESIS

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Custom DNA Oligos	DNA-10-4	Desalted Oligos 10nM 11-40 Mer	Per Base	22.00
Custom DNA Oligos	DNA-20-4	Desalted Oligos 20nM 11-40 Mer	Per Base	23.00
Custom DNA Oligos	DNA-20-6	Desalted Oligos 20nM 41-60 Mer	Per Base	24.00
Custom DNA Oligos	DNA-20-8	Desalted Oligos 20nM 61-80 Mer	Per Base	25.00
Custom DNA Oligos	DNA-50-2	Desalted Oligos 50nM 1-10 Mer	Per Base	26.00
Custom DNA Oligos	DNA-50-4	Desalted Oligos 50nM 11-40 Mer	Per Base	25.00
Custom DNA Oligos	DNA-50-6	Desalted Oligos 50nM 41-60 Mer	Per Base	28.00
Custom DNA Oligos	DNA-50-8	Desalted Oligos 50nM 61-80 Mer	Per Base	33.00
Custom DNA Oligos	DNA-200-2	Desalted Oligos 200nM 1-10 Mer	Per Base	69.00
Custom DNA Oligos	DNA-200-4	Desalted Oligos 200nM 11-40 Mer	Per Base	69.00
Custom DNA Oligos	DNA-200-6	Desalted Oligos 200nM 41-60 Mer	Per Base	72.00
Custom DNA Oligos	DNA-200-8	Desalted Oligos 200nM 61-80 Mer	Per Base	75.00
Custom DNA Oligos	DNA-1000-4	Desalted Oligos 1000nM 11-40 Mer	Per Base	On Request
Custom DNA Oligos	D2B	D2B Oligos	Per Oligo	350.00
Custom DNA Oligos	DNA-50-PAGE	PAGE Purification/50nM Oligos	Per Oligo	1,750.00
Custom DNA Oligos	DNA-50-HPLC	HPLC Purification/50nM Oligos	Per Oligo	1,750.00
Custom DNA Oligos	DNA-50-5	Affynity Column Purification/50nM Oligos	Per Oligo	1,750.00
Modification Oligos	5'Biotin	5'Biotin	Per Modification	3,500.00
Modification Oligos	3'Biotin	3'Biotin	Per Modification	3,500.00
Modification Oligos	5'Phos	5' Phosphorylation	Per Modification	4,000.00
Modification Oligos	3'Phos	3'Phosphorylation	Per Modification	4,000.00
Modification Oligos	5'FAM	5'6-FAM	Per Modification	3,000.00
Modification Oligos	3'FAM	3'6-FAM	Per Modification	4,500.00
Modification Oligos	5'TET	5'TET	Per Modification	4,550.00
Modification Oligos	5'HEX	5'HEX	Per Modification	3,550.00
Modification Oligos	IN	Insoine	Per Position	500.00
Modification Oligos	5'Flou	5' Flourescein	Per Modification	3,500.00
Modification Oligos	5'TAMRA	5' TAMRA	Per Modification	5,550.00
Modification Oligos	5'Ami	5'Amino Link	Per Modification	3,500.00
Modification Oligos	3'AMI	3' Amino Link	Per Modification	3,500.00
Modification Oligos	5'Thio	5' Thiol	Per Modification	3,500.00
Modification Oligos	Cy3	Cy3 Modification	Per Modification	5,500.00
Modification Oligos	Cy5	Cy5 Modification	Per Modification	5,500.00
Modification Oligos	Bhq 1	Bhq 1 Modification	Per Modification	4,000.00
Modification Oligos	Bhq 2	Bhq 2 Modification	Per Modification	3,500.00

NOTE : \*GST extra as Applicable | \* BioServe Biotechnologies (India) Pvt. Ltd. reserves the right to add or discontinue item without prior notice. | \* For GST Exemption, Customers should provide GST Exemption Certificate

# Custom RNA Synthesis

## SiRNA /RNA Synthesis

We at BioServe synthesize small interference RNA from any system for screening of whole genome of any organism, identification of pathway candidate genes, knock out and knock down of 95% homologous gene separately, in vivo validation of drug candidates.

### Features:

- Each siRNA has 70% probability of reducing the Target Gene expression to more than 80-95%.
- High Quality and purified product.
- Ready to use.

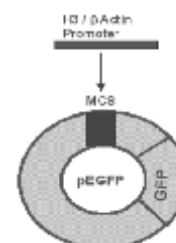
SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Custom RNA Synthesis	RNA-50-4	Oligos 50nM 11-40 Mer	Per Base	On Request
Custom RNA Synthesis	RNA-50-HPLC	HPLC Purification	Per Oligo	On Request

# Gene Synthesis

## DNA Cloning Service

BioServe will take up cloning of up to 5kb fragment (Vector can be supplied by the customer or can specify the commercial vector to be used).

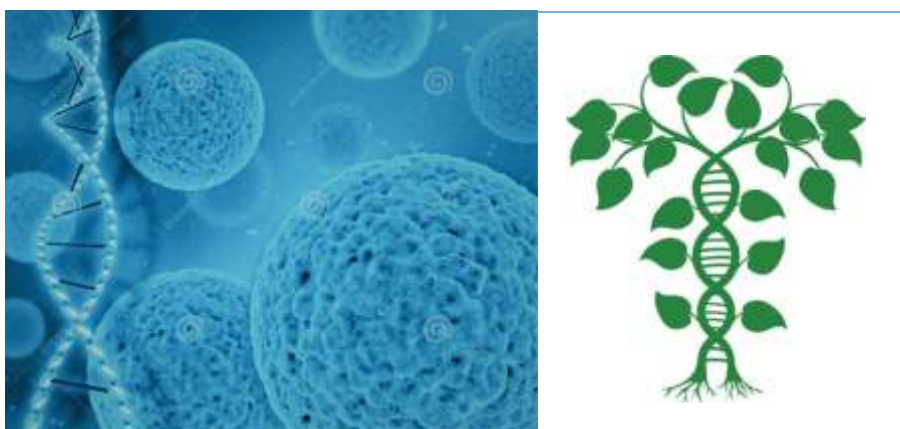
BioServe will amplify/isolate the gene of interest from the template DNA supplied by the customer and clone in to the vector.



SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Gene Synthesis	GS-01	Gene-Synthesis Cloning in Standard Vector	Per Base	On Request
Gene Synthesis	GS-02	Gene-Synthesis Cloning in Gene Specific Vector	Per Base	On Request



# MOLECULAR BIOLOGY KITS





# MOLECULAR BIOLOGY KITS

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Kits	1001-50	Plasmid Isolation Kit (Spin column)	50	6,000.00
Kits	1002-100	Plasmid Isolation Kit (Spin column)	100	9,000.00
Kits	1002-250	Plasmid Isolation Kit (Spin column)	250	On Request
Kits	1003-25	Plasmid Isolation Kit (Reagent Based)	25	3,000.00
Kits	1003-50	Plasmid Isolation Kit (Reagent Based)	50	5,000.00
Kits	1003-100	Plasmid Isolation Kit (Reagent Based)	100	7,000.00
Kits	1004-50	Yeast Genomic DNA Extractions Kit (Spin column)	50	10,000.00
Kits	1004-250	Yeast Genomic DNA Extractions Kit (Spin column)	250	On Request
Kits	1005-50	Plasmid Extraction Kits( Midi Prep) (Spin column)	50	55,000.00
Kits	1006-250	Plasmid Extraction Kits(Midi Prep) (Spin column)	250	On Request
Kits	1007-50	Plasmid Extraction Kits ( Maxi Prep) (Spin column)	50	75,000.00
Kits	1007-250	Plasmid Extraction Kits ( Maxi Prep) (Spin column)	250	On Request
Kits	1008-50	PCR Purification Kit (Spin Column)	50	5,000.00
Kits	1008-100	PCR Purification Kit (Spin Column)	100	9,000.00
Kits	1008-250	PCR Purification Kit (Spin column)	250	On Request
Kits	1009-25	Total RNA Isolation Kit(tissues/ Bacteria/Fungi/Cell lines)	25	10,000.00
Kits	1010-25	Total RNA Isolation from Blood Plasma	25	10,000.00
Kits	1011	100mM dNTPS set(A+T+G+C)	4X250ul	6,500.00
Kits	1012	10mM dNTP Mix	1ml	6,500.00
Kits	1013	Taq Polymerase	1 unit	3.00
Kits	1014	Hot Start Taq	1 unit	16.00
Kits	1015	RNA Isolation Reagent	100ml	10,000.00
Kits	1016-48	PCR Master Mix	48	3,500.00
Kits	1016-96	PCR Master Mix	96	6,000.00
Kits	1016-250	PCR Master Mix	250	On Request
Kits	2002-50	DNA Extractions Kit from 200ul Blood (Spin column)	50	5,000.00
Kits	2002-100	DNA Extractions Kit from 200ul Blood(Spin column)	100	9,000.00
Kits	2002-250	DNA Extractions Kit from 200ul Blood(Spin column)	250	On Request
Kits	2003	DNA Extraction from Blood 1ml (Reagent Based)	50	3,500.00
Kits	2004	DNA Extraction from Blood 1ml (Reagent Based)	100	6,000.00
Kits	2005	DNA Extraction from Blood 3ml (Reagent Based)	50	6,000.00
Kits	2006	DNA Extraction from Blood 3ml (Reagent Based)	100	10,000.00
Kits	2007	DNA Extraction from Blood 5ml (Reagent Based)	50	10,000.00
Kits	2008	DNA Extraction from Blood 5ml (Reagent Based)	100	13,000.00
Kits	2009	DNA Extraction from Blood 10 ml (Reagent Based)	50	8,500.00
Kits	2010	DNA Extraction from Blood 10 ml (Reagent Based)	100	14,000.00

**NOTE :** \*GST extra as Applicable | \* BioServe Biotechnologies (India) Pvt. Ltd. reserves the right to add or discontinue item without prior notice. | \* For GST Exemption, Customers should provide GST Exemption Certificate



# MOLECULAR BIOLOGY KITS

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Kits	2011	DNA Extraction from 10 mg Tissue (Reagent Based)	25	4,000.00
Kits	2012	DNA Extraction from 10 mg Tissue (Reagent Based)	100	12,000.00
Kits	2013	DNA Extraction from Buccal Swab (Reagent Based)	50	3,500.00
Kits	2014	DNA Extraction from Paraffin Embedded Tissue (Reagent Based)	50	3,500.00
Kits	2015	DNA Extraction from Mouse Tail (Reagent Based)	50	3,500.00
Kits	2016	DNA Extraction from sputum (Reagent Based)	50	3,500.00
Kits	2017	DNA Extraction from Guthrie Card (Reagent Based)	50	3,500.00
Kits	2018	DNA Extraction from Buffy coat (Reagent Based)	50	3,500.00
Kits	2019	DNA Extraction from Palnt CTAB (Reagent Based)	25	5,500.00
Kits	2020	DNA Extraction from Bacteria (Reagent Based)	25	7,000.00
Kits	2021-50	Gel Elution Spin column kit	50	5,000.00
Kits	2021-100	Gel Elution Spin column kit	100	8,000.00
Kits	2021-250	Gel Elution Spin column kit	250	On Request
Kits	2022-50	DNA Extraction Kit from Plant Spin Column Kit	50	12,500.00
Kits	2022-100	DNA Extraction Kit from Plant Spin Column Kit	100	20,000.00
Kits	2022-250	DNA Extraction Kit from Plant Spin Column Kit	250	On Request
Kits	2023-50	DNA Extraction Kit from Bacteria Spin Column Kit	50	12,000.00
Kits	2023-100	DNA Extraction Kit from Bacteria Spin Column Kit	100	20,000.00
Kits	2023-250	DNA Extraction Kit from Bacteria Spin Column Kit	250	On Request
Kits	2024-50	DNA Extraction Kit from Tissue Spin Column Kit	50	12,500.00
Kits	2024-100	DNA Extraction Kit from Tissue Spin Column Kit	100	20,000.00
Kits	2024-250	DNA Extraction Kit from Tissue Spin Column Kit	250	On Request

NOTE : \*GST extra as Applicable | \* BioServe Biotechnologies (India) Pvt. Ltd. reserves the right to add or discontinue item without prior notice. | \* For GST Exemption, Customers should provide GST Exemption Certificate

# TEACHING KITS

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Kits	4001-10	Genomic DNA Isolation	10	2,500.00
Kits	4001-25	Genomic DNA Isolation	25	3,500.00
Kits	4001-50	Genomic DNA Isolation	50	6,750.00
Kits	4001-10	Plasmid Isolation Teaching Kit	10	2,200.00
Kits	4002-25	Plasmid Isolation Teaching Kit	25	3,000.00
Kits	4002-50	Plasmid Isolation Teaching Kit	50	5,750.00
Kits	4003-5	PCR Amplification Teaching Kit	5	3,300.00
Kits	4003-10	PCR Amplification Teaching Kit	10	4,500.00
Kits	4003-20	PCR Amplification Teaching Kit	20	7,000.00
Kits	4004-RD5	Restriction Digestion Kit	5	2,450.00
Kits	4004-RD10	Restriction Digestion Kit	10	4,000.00
Kits	4004-RD 20	Restriction Digestion Kit	20	6,300.00
Kits	4004-Li5	Ligation Kit	5	2,000.00
Kits	4004-Li 10	Ligation Kit	10	4,500.00
Kits	4004-Li 20	Ligation Kit	20	6,000.00
Kits	4004-10	Restriction Digestion & Ligation Kit	10	6,000.00
Kits	4004-20	Restriction Digestion & Ligation Kit	20	11,000.00
Kits	4005-5	Gel Elution Teaching Kit	5	3,300.00
Kits	4005-10	Gel Elution Teaching Kit	10	4,500.00
Kits	4005-20	Gel Elution Teaching Kit	20	7,500.00
Kits	4006-5	Transformation Teaching Kit	5	5,000.00
Kits	4006-10	Transformation Teaching Kit	10	800.00
Kits	4007-5	DNA Molecular Size Teaching Kit	5	2,200.00
Kits	4007-10	DNA Molecular Size Teaching Kit	10	3,000.00
Kits	4007-20	DNA Molecular Size Teaching Kit	20	5,000.00
Kits	4008-5	Restriction Fragment Length Polymorphism Kit	5	5,100.00
Kits	4008-10	Restriction Fragment Length Polymorphism Kit	10	7,000.00
Kits	4008-20	Restriction Fragment Length Polymorphism Kit	20	13,000.00
Kits	4009-5	Phage Titration Teaching Kit	5	4,000.00
Kits	4009-10	Phage Titration Teaching Kit	10	5,500.00
Kits	4009-20	Phage Titration Teaching Kit	20	9,000.00
Kits	4010-5	Random Amplified Polymorphic DNA Teaching Kit	5	5,100.00
Kits	4010-10	Random Amplified Polymorphic DNA Teaching Kit	10	7,000.00
Kits	4010-20	Random Amplified Polymorphic DNA Teaching Kit	20	13,500.00
Kits	4011-5	Restriction Mapping Teaching Kit	5	3,350.00
Kits	4011-10	Restriction Mapping Teaching Kit	10	4,600.00

**NOTE :** \*GST extra as Applicable | \* BioServe Biotechnologies (India) Pvt. Ltd. reserves the right to add or discontinue item without prior notice. | \* For GST Exemption, Customers should provide GST Exemption Certificate

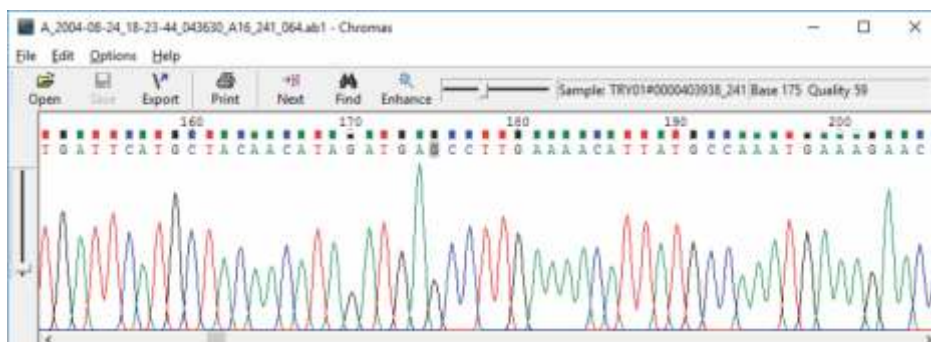
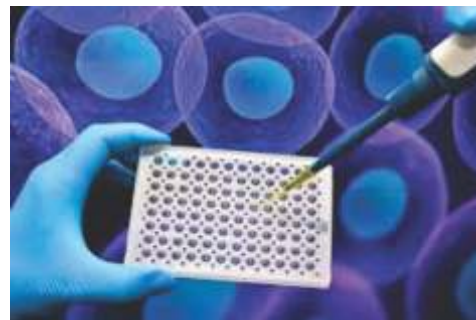
# TEACHING KITS

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Kits	4011-20	Restriction Mapping Teaching Kit	20	9,000.00
Kits	4012-5	Conjugation Teaching Kit	5	4,000.00
Kits	4012-10	Conjugation Teaching Kit	10	5,500.00
Kits	4012-20	Conjugation Teaching Kit	20	10,000.00
Kits	4013-10	RNA Isolation Teaching Kit	10	3,300.00
Kits	4013-20	RNA Isolation Teaching Kit	20	4,500.00
Kits	4013-50	RNA Isolation Teaching Kit	50	8,500.00
Kits	4014-5	Agarose Gel Elephoresis Teaching Kit	5	2,200.00
Kits	4014-10	Agarose Gel Elephoresis Teaching Kit	10	3,000.00
Kits	4015-5	SDS Page Teaching Kit	5	3,300.00
Kits	4015-10	SDS Page Teaching Kit	10	4,500.00
Kits	4015-20	SDS Page Teaching Kit	20	8,000.00
Kits	4016-5	Bacterial Gene Expression Teaching Kit	5	5,450.00
Kits	4016-10	Bacterial Gene Expression Teaching Kit	10	7,500.00
Kits	4017-5	GFP Cloning Teaching Kit	5	5,100.00
Kits	4017-10	GFP Cloning Teaching Kit	10	7,000.00

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# GENETIC ANALYZER SERVICES (ABI 3730)

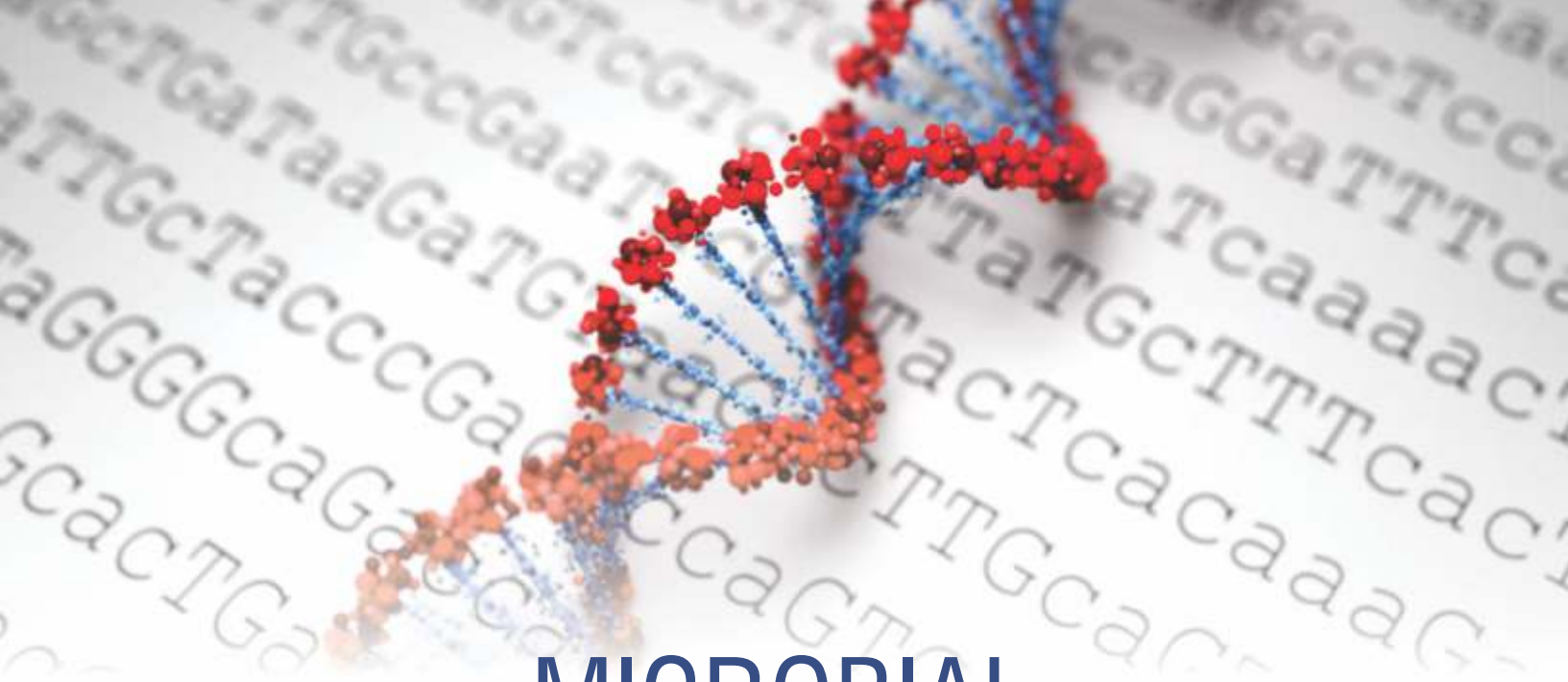


# GENETIC ANALYZER SERVICES (ABI 3730)

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Sanger Sequencing	BI-SPS-01	Sanger Sequencing 550bp with one primer (F/R)	Reaction	550.00
Sanger Sequencing	BI-SPS-02	Sanger Sequencing upto 550 bps with one primer (F/R)	Plate	30,000.00
Sanger Sequencing-Bacteria	BI-SPS-03	Culturing the Bacteria and sequencing using the given Primers	Sample	6,000.00
Sanger Sequencing-Plasmid	BI-PI-04	Plasmid DNA extraction and Sequencing	Sample	1,500.00
Analysis-Sanger	BI-SNP-05	SNP detection using the given reference	Sample	500.00
Genescan	BI-MG-01	Microsatellite Analysis	Per Data Point	100.00
Genescan	BI-MG-02	Microsatellite Analysis	Per Well	150.00
Genescan	BI-MG-03	Microsatellite Analysis	Per 96 Well Palte	9,600.00
Purification	PCR-P	Purification of PCR Product	Sample	175.00
Plasmid Isolation	PI-P	Plasmid Isolation from Stab/Cultures plate (before Sequencing)	Sample	175.00
Primer Walking	PW-1	Primer Walking upto 1 Kb	Sample	4,000.00
Primer Walking	Pw-2	Primer Walking upto 2 Kb	Sample	7,000.00

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# MICROBIAL IDENTIFICATION SERVICE



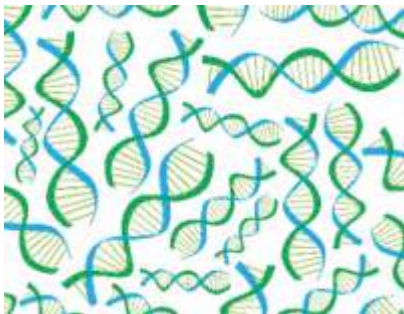
# MICROBIAL IDENTIFICATION SERVICE

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Identification-Fungal	BI-IDS-01	Identification of Fungal Species using ITS1 and ITS2 regions	Sample	7,500.00
Identification-Bacteria	BI-IDS-02	Identification of Bacterial Species using 16S rRNA gene	Sample	7,500.00
Identification-Fungal	BI-IDS-03	Identification of Fungal Species using 18S rRNA gene	Sample	7,500.00
Identification-Yeast	BI-IDS-04	Identification of Yeast Species using 28S rRNA gene	Sample	7,500.00

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# NUCLEIC ACID (DNA/RNA) EXTRACTION/PURIFICATION & QUALITY ASSESSMENT

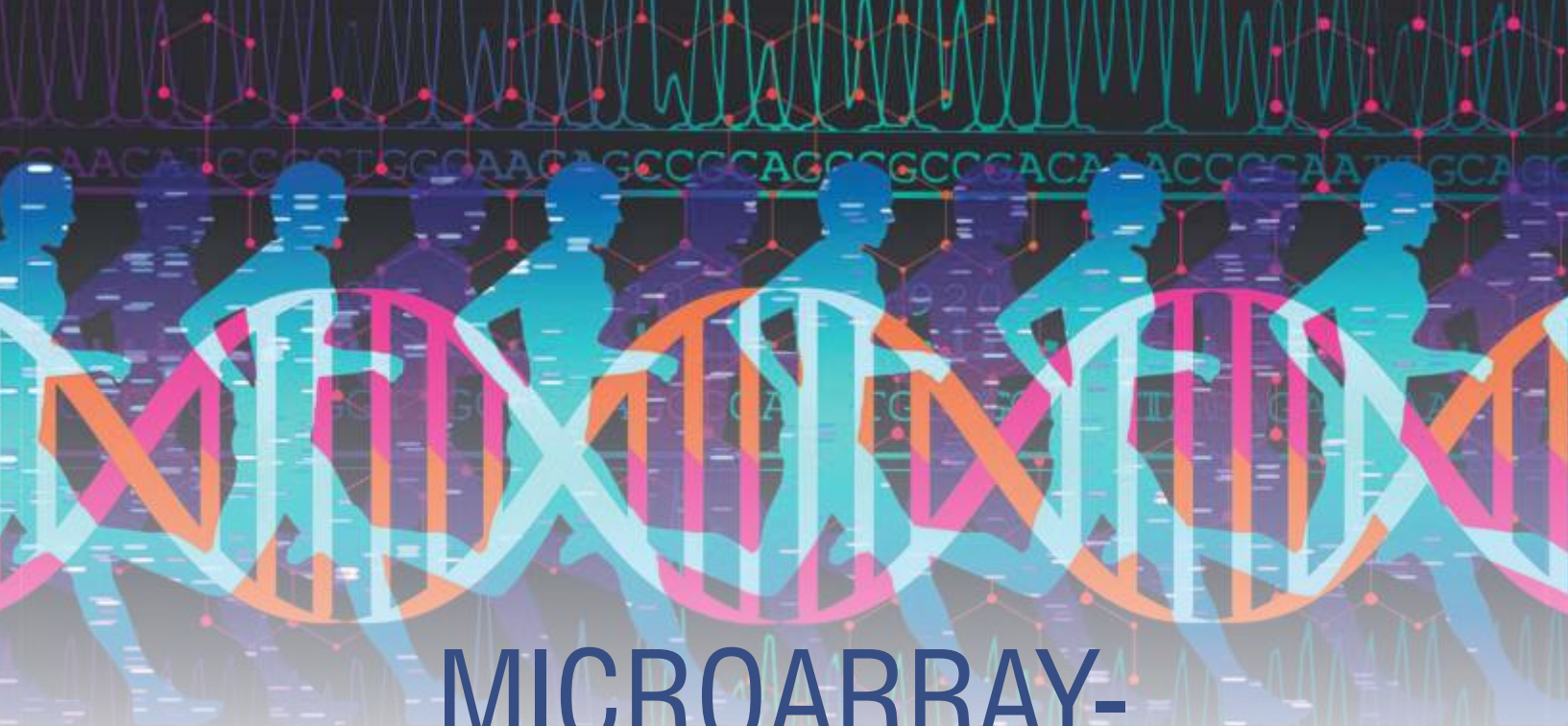




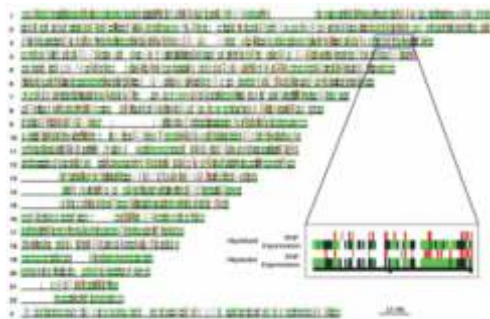
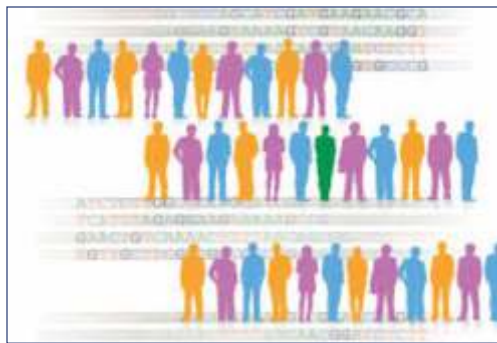
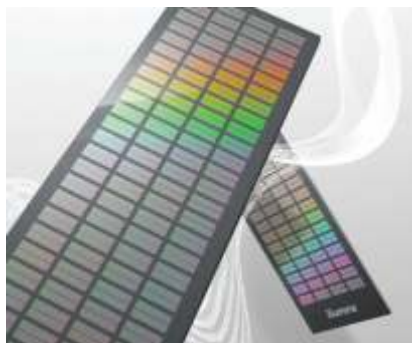
# NUCLEIC ACID (DNA/RNA) EXTRACTION/ PURIFICATION & QUALITY ASSESSMENT

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
DNA Extraction-Blood	BI-DE-01	Genomic DNA Extraction and Purification; QC by Gel Electrophoresis and UV Spec.	Sample	850.00
DNA Extraction-FFPE	BI-DE-02	Genomic DNA Extraction and Purification; QC by Gel Electrophoresis and UV Spec.	Sample	1,200.00
DNA Extraction-Saliva	BI-DE-03	Genomic DNA Extraction and Purification; QC by Gel Electrophoresis and UV Spec.	Sample	1,200.00
CF DNA Extraction- Blood	BI-CFDE-04	Extraction of cfDNA from 2ml Serum/Plasma abd QC by Agilent 2100 Bioanalyzer	Sample	4,000.00
DNA Extraction-Tissue	BI-DE-05	Genomic DNA Extraction and Purification from Animal and Plants; QC by Gel Electrophoresis and UV Spec.	Sample	1,500.00
RNA Extraction-Blood	BI-RE-01	Extraction of High quality RNA from whole blood collected in PAXGENE Tubes and QC by Agilent 2100 Bioanalyzer	Sample	2,000.00
RNA Extraction- Animal Tissue	BI-RE-02	Extraction of High quality RNA from Animal/ Plant Tissue and QC by Agilent 2100 Bioanalyzer	Sample	1,500.00
RNA Extraction-Cultured Cells	BI-RE-03	Extraction of High quality RNA from 3Million cultured cells and QC by Agilent 2100 Bioanalyzer	Sample	1,000.00
RNA Extraction-FFPE	BI-RE-04	Extraction of RNA from 3 sections and QC by Agilent 2100 Bioanalyzer	Sample	1,500.00
RNA Extraction- Plant	BI-RE-05	Extraction of High quality RNA from plant leaf/ root/Stem and QC by Agilent 2100 Bioanalyzer	Sample	2,000.00
Quantification-DNA	BI-DQ-06	Quantification of dsDNA using QUBIT dSDNA BR/HS Kit	Sample	1,000.00
Quantification-RNA	BI-RQ-07	Quantification of RNA using QUBIT Ribogreen Assay	Sample	1,000.00
Cleanup-DNA	BI-DP-08	Purification of Genomic DNA using Columns	Sample	1,000.00
Cleanup-RNA	BI-RP-09	Purification of Total RNA using Columns	Sample	1,000.00
Cleanup-PCR Product	BI-PCRP-10	Purificaion of PCR Products using Exo-Sap	Sample	500.00

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# MICROARRAY- HUMAN GENOTYPING





# MICROARRAY- HUMAN GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
CytoSNP-850K Genotyping	BI-MA-H-01	Provides the most comprehensive coverage of cytogenomic-relevant genes for studies associated with congenital disorders and cancer.	16	On Request
HumanCytoSNP FFPE Genotyping	BI-MA-H-02	This BeadChip array is optimized for cytogenetic studies using formalin-fixed paraffin-embedded (FFPE) paired tumor-normal samples.	12	On Request
HumanCytoSNP	BI-MA-H-03	Enables analysis of genetic and structural variation in the human genome, such as duplications, deletions, amplifications, copy-neutral LOH, and mosaicism. It is optimized to detect cytogenetic abnormalities most relevant to human disease. Content includes ~300,000 SNPs targeting regions shown to be important for cytogenetic analysis. The result is dense coverage of ~250 disease regions, including subtelomeric regions, pericentromeric regions, and sex chromosomes, commonly screened in cytogenetics labs.	24	On Request
Infinium OncoArray-500K	BI-MA-H-04	Designed to combine affordability with high-density content, providing insight into the relationship between gene variants and cancer predisposition in five of the most prevalent cancers.	24	On Request
Infinium Exome	BI-MA-H-05	Deliver exceptional coverage of putative functional exonic variants representing diverse populations and a range of common conditions.	24	On Request
Infinium CoreExome	BI-MA-H-06	Delivers genome-wide SNP and genetic variant information for genetic studies, especially large-scale human genotyping studies.	24	On Request
Infinium OmniExpress	BI-MA-H-07	Powerful tool for genome-wide association studies (GWAS), providing high sample throughput and coverage of common variants.	24	On Request
Infinium OmniExpress Exome	BI-MA-H-08	Delivers exceptional power for genome-wide association studies (GWAS), providing comprehensive genomic content on an affordable array. Optimized tag SNPs from all three HapMap phases have been strategically selected to capture the greatest amount of common SNP variation, driving the discovery of novel associations with traits and diseases.	8	On Request

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# MICROARRAY- HUMAN GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
Infinium Omni2.5Exome	BI-MA-H-09	Delivers comprehensive coverage of common, rare, and exonic SNP content from the 1000 Genomes Project (1kGP), providing maximum genomic information of diverse world populations. With combined markers from the Infinium Omni2.5-8 Kit and Infinium Exome-24 Kit, the Infinium Omni2.5Exome-8 BeadChip is a powerful tool for next-generation genotyping and genome-wide association studies (GWAS).	8	On Request
Infinium Omni5Exome	BI-MA-H-10	High-density array provides exceptional coverage of common, intermediate, and rare SNPs and leverages powerful tag SNPs selected from the International HapMap and 1000 Genomes Projects. It includes optimized tag SNPs targeting genetic variation down to 1% minor allele frequency (MAF).	24	On Request
Infinium PsychArray-24	BI-MA-H-11	Includes 271,000 proven tag SNPs found on the Infinium Core-24 BeadChip, 277,000 markers from the Infinium Exome-24 BeadChip, and ~50,000 markers associated with common psychiatric disorders. Additional SNPs include genetic variants associated with the research of common psychiatric conditions such as schizophrenia, bipolar disorder, autism-spectrum disorders, attention deficit hyperactivity disorder, major depressive disorder, obsessive compulsive disorder, anorexia, and Tourette's syndrome.	24	On Request
Infinium ImmunoArray	BI-MA-H-12	The next-generation genotyping array for detecting genetic variation in the human immune system. This updated array is based on the HumanImmuno v1.0 BeadChip, which has been cited in over 120 publications. Like its predecessor, it was designed for deep replication of genome-wide association studies (GWAS) and fine mapping of susceptibility loci in multiple immune-mediated disorders.	24	On Request
Infinium Neuro Consortium Array	BI-MA-H-13	The Neuro Consortium was a collaboration with researchers in the neurogenomics community. The consortium contributed content in a high-density neuro-targeted array for investigation of neurodegenerative diseases. This array combines a genome-wide backbone with over 180K expertly selected, easily accessible neurodegenerative disease markers.	24	On Request

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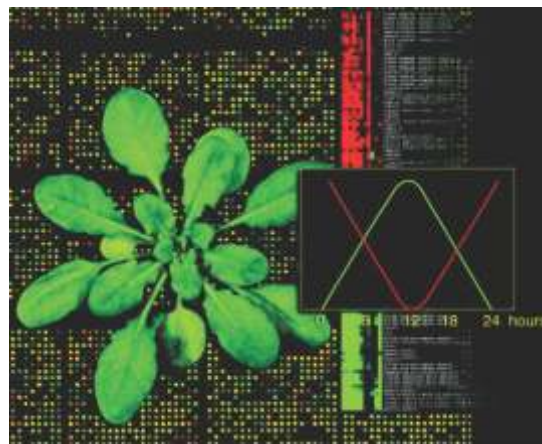
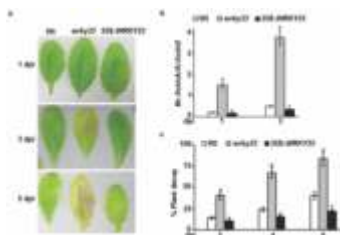
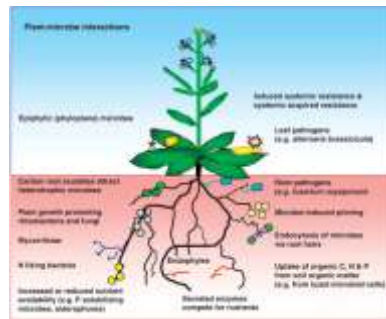
# MICROARRAY- HUMAN GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
Infinium Multi-Ethnic AMR/AFR	BI-MA-H-14	BeadChip harnesses content from Phase 3 of the 1000 Genomes Project (1kGP), Consortium on Asthma among African-ancestry Populations in the Americas (CAAPA), Population Architecture using Genomics and Epidemiology (PAGE), T2D-Genes Consortium, OMIM, ClinVar, ACGM, carrier screening panels, and other resources to create a multipurpose, multiethnic array.	16	On Request
Infinium Multi-Ethnic EUR/EAS/SAS	BI-MA-H-15	BeadChip harnesses content from Phase 3 of the 1000 Genomes Project (1kGP), Consortium on Asthma among African-ancestry Populations in the Americas (CAAPA), Population Architecture using Genomics and Epidemiology (PAGE), T2D-Genes Consortium, OMIM, ClinVar, ACGM, carrier screening panels, and other resources to create a multipurpose, multi-ethnic array.	16	On Request
Infinium QC Array	BI-MA-H-16	The Infinium QC Array-24 offers a cost-effective way for researchers to perform sample tracking, quality control, and stratification. It is useful for high-throughput genomics, biobanking, and any other application that requires validation of sample identity and quality.	24	On Request
Infinium Global Screening Array	BI-MA-H-17	GSA is a next-generation genotyping array that provides an economical solution for population-scale genetics, variant screening, and precision medicine research. It combines highly optimized, multiethnic genome-wide content, curated clinical research variants, and QC markers for a broad range of clinical research and variant screening applications. These applications include disease association and risk profiling studies, pharmacogenomics research, disease characterization, lifestyle and wellness characterization, marker discovery in complex disease research, and more.	24	On Request
Infinium Multi-Ethnic Global Array	BI-MA-H-18	Harnesses content from Phase 3 of the 1000 Genomes Project (1kGP), Consortium on Asthma among African-ancestry Populations in the Americas (CAAPA), Population Architecture using Genomics and Epidemiology (PAGE), T2D-Genes Consortium, OMIM, ClinVar, ACGM, carrier screening panels, and other resources to create a multipurpose, multiethnic array.	16	On Request
Infinium Methylation EPIC	BI-MA-H-19	Robust methylation profiling microarray with extensive coverage of CpG islands, genes, and enhancers. Use for epigenome-wide association studies.	16	On Request

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# MICROARRAY- PLANT GENOTYPING



# MICROARRAY- PLANT GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
RosBREED Apple Consortium	BI-MA-P-01	The apple genotyping panel was developed by RosREED, a multi-institutional, multi-national project dedicated to the improvement of the rosaceous crops using targeted genomics applications and tools to enhance the efficiency of breeding programs. The SNPs were developed for use on worldwide breeding germplasm and include Sanger-based eSNPs and SNPs identified from the paired end sequencing of 27 important founder accessions. The Community has provided a cluster file for the Apple Genotyping array suitable for fast automated analysis of all project sizes. This panel is suitable as base content for over 80,000 Add-On markers for a customized Apple genotyping array.	On Request	On Request
RosBREED Cherry Consortium	BI-MA-P-02	The cherry genotyping panel was developed by RosBREED, a multi-institutional, multi-national project dedicated to the improvement of the rosaceous crops using targeted genomics applications and tools to enhance the efficiency of breeding programs. The SNPs were developed for use on worldwide breeding germplasm and include sanger-based eSNPs and SNPs identified from the paired end sequencing of 16 important founder accessions of sweet cherry and eight founder accessions of tart cherry. The Community has provided a cluster file for the RosBREED Cherry Genotyping array suitable for fast automated analysis of all project sizes. This panel is suitable as base content for over 80,000 Add-On markers for a customized Cherry genotyping array.	On Request	On Request
RosBREED Peach Consortium	BI-MA-P-03	The cherry genotyping panel was developed by RosBreed, a multi-state, multi-institutional, multi-national project dedicated to the improvement of the rosaceous crops using targeted genomics applications and tools to enhance the efficiency of breeding programs. The SNPs were developed for use on worldwide breeding germplasm and include Sanger-based eSNPs and SNPs identified from the paired end sequencing of 23 important founder accessions. The Community has provided a cluster file for the RosBREED Peach Genotyping array suitable for fast automated analysis of all project sizes. The chip is suitable as base content for over 80,000 Add-On SNP Content for a customized Peach genotyping array.	On Request	On Request

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# MICROARRAY- PLANT GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
International Brassica SNP Consortium	BI-MA-P-04	The SNPs have been extracted from, or validated in, 80 lines from <i>B. napus</i> , four lines from <i>B. oleracea</i> , and four lines from <i>B. rapa</i> , and are thus designed to work well in any Brassica A or C genome species. One can expect that the highest number of SNPs will be polymorphic in <i>B. napus</i> germplasm. Up to 16 independent sources of SNPs were provided by the International Brassica SNP Consortium and considered in SNP selection. These data sets are derived from greater than 80 Brassica lines and include both transcriptome and genomic next-generation sequence data. Over 13,000 SNPs were validated by multiple laboratories to ensure the efficacy of the independent SNP discovery pipeline. The Community has developed a cluster file for this product with primary contributions to the cluster file development coming from TraitGenetics, GmbH and Agriculture and Agrifood Canada. Add-On Content can be supplemented on this array for up to 30,000 additional markers for a truly customized Brassica genotyping array	On Request	On Request
International Cotton SNP Consortium	BI-MA-P-05	The International Cotton SNP Consortium genotyping panel is a 70,000 marker array developed with SNPs from <i>Gossypium hirsutum</i> , <i>G. barbadense</i> , <i>G. tomentosum</i> and <i>G. mustelinum</i> . Small numbers of attempted bead types will be devoted to <i>G. longicalyx</i> and <i>G. amourianum</i> . The panel has varied uses, including genetic diversity analysis, genetic mapping, QTL analysis, candidate gene discovery, marker assisted selection, genomic selection and genome sequence assembly. Intraspecific SNPs were discovered and validated on germplasm lines that include Australian, US, Indian and Chinese varieties of <i>Gossypium hirsutum</i> . This panel is suitable as base content for over 20,000 Add-On markers for a customized Cotton genotyping array.	On Request	On Request
International Cowpea Consortium	BI-MA-P-06	The International Cowpea SNP Consortium Genotyping Panel is a tool designed to meet the needs of a growing world population by facilitating the development of new cowpea varieties with desirable traits, such as higher yield and quality, disease resistance, pest resistance and drought tolerance. The primary focus is to emphasize diversity within breeding germplasm of relevance to sub-Saharan Africa and US production regions. Substantial coverage is also included that targets breeding germplasm in China. The Community has plans to provide a cluster file for the Cowpea Genotyping array suitable for fast automated analysis of all project sizes. This panel is suitable as base content for over 30,000 Add-On markers for a customized Cowpea genotyping array	On Request	On Request

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# MICROARRAY- PLANT GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
International Grape ReSeq Consortium	BI-MA-P-07	The grape genotyping panel was designed by the GrapeReSeq Consortium, a research project of the Transnational Plant Alliance for Novel Technologies consisting of members from France, Spain, Italy, and Germany. The SNPs include publicly available SNP data from the Vitis9kSNP set that was validated using Infinium technology, as well as new content generated from the collaboration. This SNP genotyping tool is useful for mapping and evaluating genetic diversity in the Vitaceae gene pool to support the development of genetic resources and breeding programs that will reduce the use of chemical treatments in viticulture. The Consortium has provided a cluster file for the GrapeReSeq Consortium Genotyping array suitable for fast automated analysis of all project size. This panel is suitable as base content for over 70,000 Add-On Content for a customized Grape genotyping array.	On Request	On Request
Maize SNP50 (24-sample)	BI-MA-P-08	The MaizeSNP50 Genotyping BeadChip contains 56,110 markers derived from the B73 reference sequence. Illumina has developed the BeadChip in collaboration with TraitGenetics, The French National Institute for Agricultural Research (INRA), and Syngenta. Featuring highly polymorphic SNP content and providing uniform genomic coverage, this BeadChip enables the interrogation of genetic variation for maize. Importantly, this BeadChip presents an average of greater than 25 markers per megabase, providing ample SNP density for robust whole-genome genotyping studies. In addition, the MaizeSNP50 marker set provides the ability to perform genetic mapping and marker-assisted breeding.	48	On Request
MaizeLD	BI-MA-P-09	The MaizeLD Genotyping BeadChip contains 3,047 evenly spaced SNPs derived from the B73 reference sequence. Illumina has developed the MaizeLD BeadChip in collaboration with Syngenta and Pioneer, selecting markers based on quality assurance analysis criteria from genotyping of US and European public and commercially relevant samples to assess internationally recognized Essential Derived Varieties (EDV) markers. Featuring highly polymorphic SNP content and providing uniform genomic coverage, this BeadChip enables the interrogation of genetic variation for maize and is customizable with up to 70,000 additional markers to support marker-assisted selection, varietal identification, genetic purity assessment, and other applications.	48	On Request

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# MICROARRAY- PLANT GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
Oat Consortium	BI-MA-P-10	Previously a private array developed by General Mills and Agriculture and AgriFood Canada, the Consortium has generously offered to open this Consortium to additional interested researchers. The array is suitable for Add-On Content of over 80,000 SNPs for a customized Oat genotyping array.	On Request	On Request
SolCAP Potato Consortium	BI-MA-P-11	The potato genotyping panel was developed by the Solanaceae Coordinated Agricultural Project (SolCAP). SNP discovery was completed using Sanger-based SNPs from Kennebec, Bintje and Shepody ESTs, along with SNPs identified from Illumina transcriptome sequencing. The Community has provided a cluster file for fast automated analysis of potato germplasm. The SolCAP Potato Consortium Beadchip is suitable as base content for over 70,000 Add-On Content for a customized Potato genotyping array.	On Request	On Request
BARCSoy6K Consortium	BI-MA-P-12	The BARC Soy6K panel was developed by the Soybean Genomics and Improvement Lab, Beltsville Agricultural Research Center (BARC) for the greater good of the Soybean community. It is useful for Quantitative Trait Locus (QTL) analysis, for screening Soybean germplasm and for providing base content with even coverage of the genome for groups interested in developing Add On content to create a higher density custom Soybean panel. The Community has provided a cluster file for the Soy Genotyping array suitable for fast automated analysis of all project sizes. This panel is suitable as base content for over 84,000 Add-On probes for a customized Soy genotyping array.	On Request	On Request
The SolCAP Tomato Consortium	BI-MA-P-13	The SolCAP Tomato genotyping panel was designed by the Solanaceae Coordinated Agricultural Project (SolCAP) and is focused on translating the latest genomic advances to Solanaceae breeding programs. The SNPs include Sanger-based eSNPs from genome sequencing of TA496 ESTs and Heinz 1706 (processing tomato) lines, and SNPs identified by Illumina transcriptome sequencing of NC84173 (fresh-market), FL7600 (fresh-market), OH08-6405 (fresh-market), OH9242 (processing tomato), PI114490 (cherry), and PI128216 ( <i>S. pimpinellifolium</i> ) lines. SolCAP generated sequence data for four cultivated varieties, an <i>S. lycopersicum</i> var. <i>cerasiformae</i> accession, and an <i>S. pimpinellifolium</i> accession. The Community has provided a cluster file for the SolCAP Tomato SNP array suitable for fast automated analysis of all project sizes. It is suitable as base content for over 80,000 Add-On Content for a customized Tomato genotyping array.	On Request	On Request

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# MICROARRAY- PLANT GENOTYPING

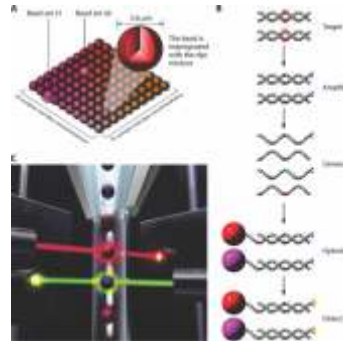
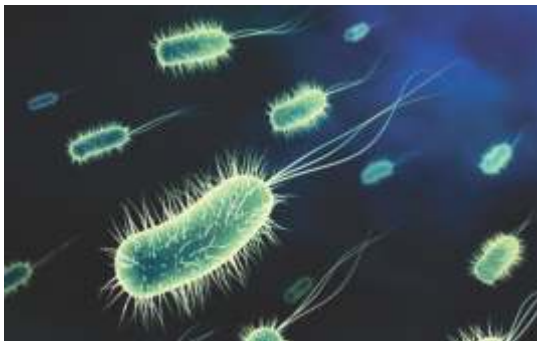
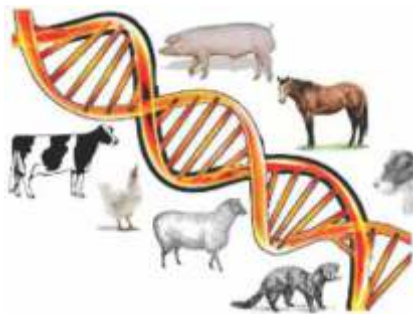
SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
Wheat 9k Consortium	BI-MA-P-14	This is a low-density genotyping array developed the Wheat Consortium in the US and Australia. The array is suitable for Add-On Content of over 80,000 SNPs for a customized Wheat genotyping array.	On Request	On Request
Pepper Consortium	BI-MA-P-15	The Pepper Consortium Array is designed to enable cost-effective genotyping of multiple pepper species. Developed by a consortium formed by TraitGenetics GmbH, the University of California, Davis (UC Davis), and Illumina, the array contains expertly selected content derived from high-quality sequencing data of 22 pepper lines including sweet blocky peppers and hot peppers. The array contains 16,405 SNPs. UCD/TraitGenetics intend to have a cluster file available to the community soon. This panel is suitable as base content for over 50,000 Add-On markers for a customized Pepper genotyping array.	On Request	On Request
GGP Potato Array	BI-MA-P-16	GGP Potato leverages Illumina array technology with GeneSeek custom content for this genome-wide potato genotyping array. Array content includes:  7157 SNPs from the original GGP Potato LD Array with increased density in candidate and resistance regions ~3100 SNPs in candidate genes ~5000 SNPs for tetraploid genotyping	On Request	On Request

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# MICROARRAY- ANIMAL GENOTYPING



# MICROARRAY- ANIMAL GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
International Goat Genome Consortium	BI-MA-A-01	The apple genotyping panel was developed by RosREED, a multi-institutional, multi-national project dedicated to the improvement of the rosaceous crops using targeted genomics applications and tools to enhance the efficiency of breeding programs. The SNPs were developed for use on worldwide breeding germplasm and include Sanger-based eSNPs and SNPs identified from the paired end sequencing of 27 important founder accessions. The Community has provided a cluster file for the Apple Genotyping array suitable for fast automated analysis of all project sizes. This panel is suitable as base content for over 80,000 Add-On markers for a customized Apple genotyping array.	On Request	On Request
Ovine Consortium	BI-MA-A-02	<p>In the sheep industry, the most important animals are the "sires to breed sires" — the animals that produce the males that are used across the industry. By genotyping thousands of sires, researchers can evaluate a vast number of variants for economically important traits. To develop an ovine BeadChip, Illumina worked with the International Sheep Genomics Consortium (ISGC), comprising leading researchers from AgResearch, Baylor University, UCSC, and Australia's Commonwealth Scientific and Industrial Research Organization (CSIRO). To develop the low density Ovine array, Illumina worked with AgResearch in New Zealand.</p> <p>The OvineSNP50 BeadChip is a high-density array featuring more than 54,000 SNPs representing diverse Ovis aries breeds and outgroup species, providing a comprehensive solution for whole-genome ovine studies.</p> <p>The AgResearch Ovine Imputation Low Density tool consists of approximately 5,000 SNPs intended for imputation to the OvineSNP50 beadchip.</p> <p>OvineHD (AgResearch's SheepHD) To obtain additional information about these BeadChips or to place an order</p>	On Request	On Request
Bovine HD (8-sample)	BI-MA-A-03	The BovineHD BeadChip is the most comprehensive genome-wide bovine genotyping array, providing superior power to interrogate genetic variation across any breed of beef and dairy cattle. Illumina developed this product in collaboration with major bovine agricultural thought leaders, including USDA-ARS, UNCEIA-INRA, Pfizer Animal Genetics, and the University of Missouri.	48	On Request

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# MICROARRAY- ANIMAL GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
		Featuring more than 777,000 SNPs that uniformly span the entire bovine genome, this BeadChip enables a broad range of applications such as genome-wide selection, identification of quantitative trait loci, evaluation of genetic merit, cross-breed mapping, linkage disequilibrium studies, comparative genetic studies, and breed characterization for evaluating biodiversity. The eight-sample BovineHD BeadChip, along with the proven Infinium HD Assay, presents a powerful high-throughput solution for whole-genome studies in cattle		
BovineSNP50 (24-sample)	BI-MA-A-05	The BovineSNP50 v3 BeadChip contains 53,714 highly informative SNPs uniformly distributed across the entire genome of major cattle breed types, empowering applications such as genome-wide enabled selection, identification of quantitative trait loci, evaluation of genetic merit of individuals, and comparative genetic studies. This BeadChip was developed by Illumina in collaboration with the USDA-ARS, University of Missouri, and the University of Alberta. More than 22,000 SNP probes target novel SNP loci that were discovered by Illumina sequencing of 3 pooled populations of economically important beef and dairy cattle. Additional content is derived from publicly available sources such as the bovine reference genome, Btau, and the Bovine HapMap Consortium data set. All SNP probes have been validated in 18 common beef and dairy breeds	48	On Request
Canine HD (12-sample)	BI-MA-A-06	Featuring highly polymorphic SNP content and providing uniform genomic coverage, the CanineHD BeadChip enables the interrogation of genetic variation in any domestic dog breed. Importantly, this BeadChip presents an average of greater than 70 markers per megabase (Mb), providing ample SNP density for robust within-breed association and copy number variation (CNV) studies. This BeadChip contains more than 170,000 markers placed on the CanFam2.0 reference sequence. Illumina developed the BeadChip in collaboration with the LUPA Consortium, which includes 22 European universities and other partners such as the Broad Institute.	48	On Request

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# MICROARRAY- ANIMAL GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
PorcineSNP60 (12-sample)	BI-MA-A-07	The PorcineSNP60 DNA Analysis Kit v2 features 65,000 evenly spaced probes, offering more than sufficient SNP density for whole-genome association studies, determination of genetic merit, identification of quantitative trait loci, and comparative genetic studies. This 24-sample BeadChip presents a superior solution for interrogating genetic variation in multiple porcine breeds, including Duroc, Landrace, Pietran, and Large White. A semi-custom version of the BeadChip, the PorcineSNP60+ DNA Analysis Kit v2, allows researchers to include up to 25,000 additional custom probes for targeted studies.	48	On Request
OvineSNP50 (12-samples)	BI-MA-A-08	The OvineSNP50 BeadChip is the most comprehensive genome-wide genotyping array for the ovine genome, providing superior power to interrogate genetic variation across many breeds. The BeadChip was developed by Illumina in collaboration with the International Sheep Genomics Consortium (ISGC), comprising leading researchers from AgResearch, Baylor, UCSC, and Australia's Commonwealth Scientific and Industrial Research Organization (CSIRO). Featuring more than 54,000 SNPs that uniformly span the entire ovine genome, the OvineSNP50 BeadChip enables a broad range of applications such as genome-wide selection, identification of quantitative trait loci (QTL), evaluation of genetic merit, cross-breed mapping, linkage disequilibrium studies, comparative genetic studies, and breed characterization for evaluating biodiversity.	48	On Request
GGP Bovine 150K Array	BI-MA-A-09	GGP Bovine 150K leverages Illumina array technology and bovine base content with GeneSeek custom content for this genome-wide bovine genotyping array, featuring over 134,000 SNPs, for Bos taurus breeds. The GGP Bovine 150K Array uses the Infinium HTS Assay.	On Request	On Request
GGP Bos Indicus HD Array	BI-MA-A-10	GGP Bos Indicus HD leverages Illumina array technology and bovine base content with GeneSeek custom content for this genome-wide bovine genotyping array, featuring over 74,000 SNPs, for Bos indicus breeds. The GGP Bos Indicus HD Array uses the Infinium HD Ultra Assay	On Request	On Request

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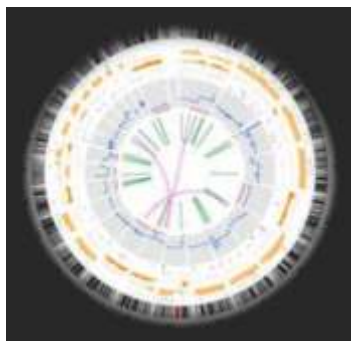
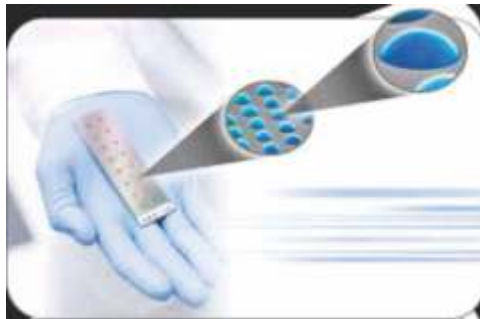


# MICROARRAY- ANIMAL GENOTYPING

SERVICE NAME	CATALOG NO.	DESCRIPTION	Min. No. of Samples	UNIT PRICE (INR)
GGP Bovine LD Array	BI-MA-A-11	GGP Bovine LD leverages Illumina array technology and bovine base content with GeneSeek custom content for this genome-wide bovine genotyping array, featuring over 26,000 SNPs, for Bos indicus and Bos taurus breeds. The GGP Bovine LD uses the Infinium HD Ultra Assay. Watch for details coming soon on GGP-Bovine LD v4, which will include additional SNPs.	On Request	On Request
GGP Porcine HD Array	BI-MA-A-12	GGP Porcine HD leverages Illumina array technology and porcine base content with GeneSeek custom content for this genome-wide porcine genotyping array, featuring over 70,000 SNPs, for all major porcine breeds. The GGP Porcine HD Array uses the Infinium HD Ultra Assay.	On Request	On Request
GGP Porcine LD Array	BI-MA-A-13	GGP Porcine LD leverages Illumina array technology and porcine base content with GeneSeek custom content for this genome-wide porcine genotyping array, featuring over 10,000 SNPs, for all major porcine breeds. The GGP Porcine LD Array uses the Infinium HD Ultra Assay.	On Request	On Request
GGP GIGA-MUGA Array	BI-MA-A-14	GGP GIGA-MUGA leverages Illumina array technology and with GeneSeek custom content for this genome-wide mouse genotyping array, featuring over 143,000 SNPs, from 159 inbred lines. The GGPGIGA-MUGA Array uses the Infinium HTS Assay.	On Request	On Request
GGP Equine Array	BI-MA-A-15	GGP Equine leverages Illumina array technology with GeneSeek custom content for this genome-wide equine genotyping array, featuring over 65,000 SNPs, for all major equine breeds. The GGP Equine Array uses the Infinium HD Ultra Assay.	On Request	On Request

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# iSELECT Panels (3072 to 1M SNPs)



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# iSELECT Panels (3072 to 1M SNPs)

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
Custom Genotyping	BI-CMA-6K	iSelect SNP Genotyping: 6000BeadPlex	1152	On Request
Custom Genotyping	BI-CMA-9K	iSelect SNP Genotyping: 9000 Bead Plex	1152	On Request
Custom Genotyping	BI-CMA-25K	iSelect SNP Genotyping: 25000 Bead Plex	1152	On Request
Custom Genotyping	BI-CMA-50K	iSelect SNP Genotyping: 50000 Bead Plex	1152	On Request
Custom Genotyping	BI-CMA-100K	iSelect SNP Genotyping: 50000 Bead Plex	1152	On Request



# NEXT GENERATION SEQUENCING (ILLUMINA)



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# NEXT GENERATION SEQUENCING (ILLUMINA)

## Library Preparation for Illumina Sequencing

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
gDNA Seq Short Insert Library (150-800nt)	BI-LP-PE	Shotgun library preparation from 1 uG of genomic DNA for Illumina PE sequencing	Library	15,000.00
gDNA Mate Paired Library (2-20Kb)	BI-LP-MP	Long Insert Matepair library preparation from 10 uG of Genomic DNA for Illumina PE Sequencing	Library	25,000.00
mRNA Seq Library	BI-LP-MR	mRNA library preparation using Oligo dT beads'	Library	15,000.00
Whole Transcriptome Library (Mouse/Human/Rat/Plant/Bacteria Only)	BI-LP-WT	Whole Transcriptome library preparation using rRNA depletion	Library	20,000.00
Small/miRNA Library	BI-LP-MIR	Small RNA library preparation from Total RNA by using small RNA specific adapters	Library	20,000.00
ChIP Library	BI-LP-CH	ChIP DNA library preparation from as minimum as 50 ng of ChIP DNA	Library	20,000.00
GBS Library	BI-LP-GBS	GBS library preparation of any plant species using specific Restriction Enzyme Digestion	Library	10,000.00
Degradome Library	BI-LP_DG	Degradome/PARE library preparation from 10 uG of intact Total RNA	Library	50,000.00
Bisulfite Library	BI-LP-BS	Bisulfite conversion of gDNA and BS library Preparation	Library	30,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## NGS Comprehensive Projects

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
WGS-BACTERIA-50X	BI-NGS-01	Including Library Preparation with 300 bp insert size and Sequencing using 2X150 chemistry, Generating 50X Coverage. No analysis	Sample	30,000.00
WGS-BACTERIA-100X	BI-NGS-02	Including Library Preparation with 300 bp insert size and Sequencing using 2X150 chemistry, Generating 100X Coverage. No analysis	Sample	35,000.00
WGS-BACTERIA-REF-ANALYSIS	BI-NGS-03	Including Library Preparation with 300 bp insert size and Sequencing using 2X150 chemistry, Reference based analysis	Sample	40,000.00
WGS-BACTERIA-DENOVO-ANALYSIS	BI-NGS-04	WGS of Bacteria up to 50X Coverage, (Including Library Preparation Sequencing using 2X150 chemistry, Denovo Analysis	Sample	45,000.00
WES-50X	BI-NGS-05	Exome Sequencing of Human Samples with 50X Coverage	Sample	40,000.00
WES-50X-ANALYSIS	BI-NGS-06	Exome Sequencing and analysis of Human Samples with 50X Coverage	Sample	45,000.00
WES-100X	BI-NGS-07	Exome Sequencing of Human Samples with 100X Coverage	Sample	50,000.00
WES-100X-ANALYSIS	BI-NGS-08	Exome Sequencing and analysis of Human Samples with 100X Coverage	Sample	60,000.00
WGS-HUMAN-10X	BI-NGS-09	Whole genome Sequencing of Human Samples with 10 X Coverage	Sample	50,000.00
WGS-HUMAN-10X-ANALYSIS	BI-NGS-10	Whole genome Sequencing and analysis of Human Samples with 10 X Coverage	Sample	60,000.00
WGS-HUMAN-30X	BI-NGS-11	Whole genome Sequencing of Human Samples with 30 X Coverage	Sample	2,00,000.00
WGS-HUMAN-30X-ANALYSIS	BI-NGS-12	Whole genome Sequencing and analysis of Human Samples with 30 X Coverage	Sample	2,50,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## NGS Comprehensive Projects

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
mtDNA-HUMAN	BI-NGS-13	Mitochondrial Genome Sequencing of Human-100x	Sample	60,000.00
mtDNA-HUMAN-ANALYSIS	BI-NGS-14	Mitochondrial Genome Sequencing of Plant-100x	Sample	70,000.00
WGS-FUNGAL	BI-NGS-15	Denovo Whole Genome Sequencing and Analysis of Fungus (30 Mb Genome Size 100 X Coverage)	Sample	75,000.00
TARGETTED RE-SEQUENCING	BI-NGS-16	Deep sequencing of targeted region of interest in any genome by appropriate case-case target enrichment protocol followed by deep sequencing and bioinformatics analysis. Target enrichment shall be done using Long range PCR, Illumina Truseq Amplicon, Truseq Custom enrichment, Agilent Haloplex , Agilent Sureselect etc..	Per Project	On Request
mRNA-SEQ	BI-NGS-17	Denovo Transcriptome Sequencing with 30 Million Reads (Including Library Preparation and Sequencing only using 2X75 Chemistry)	Sample	40,000.00
mRNA-SEQ	BI-NGS-18	Denovo Transcriptome Sequencing with 30 Million Reads (Including Library Preparation, Sequencing using 2X75 Chemistry and Bioinformatics)	Sample	48,000.00
mRNA-SEQ	BI-NGS-19	Denovo Transcriptome Sequencing with 50 Million Reads (Including Library Preparation and Sequencing only using 2X75 Chemistry)	Sample	50,000.00
mRNA-SEQ	BI-NGS-20	Denovo Transcriptome Sequencing with 50 Million Reads (Including Library Preparation and Sequencing only using 2X75 Chemistry)	Sample	60,000.00
mRNA-SEQ	BI-NGS-21	Denovo Transcriptome Sequencing with 80 Million Reads (Including Library Preparation and Sequencing only using 2X75 Chemistry)	Sample	65,000.00
mRNA-SEQ	BI-NGS-22	Denovo Transcriptome Sequencing with 80 Million Reads (Including Library Preparation, Sequencing using 2X75 Chemistry and Bioinformatics)	Sample	70,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## NGS Comprehensive Projects

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
mRNA-SEQ	BI-NGS-23	Ref. Transcriptome Sequencing with 30 Million Reads (Including Library Preparation and Sequencing only using 2X150 PE Chemistry)	Sample	40,000.00
mRNA-SEQ	BI-NGS-24	Ref. Transcriptome Sequencing with 30 Million Reads (Including Library Preparation, Sequencing using 2X150 PE Chemistry and Bioinformatics)	Sample	48,000.00
mRNA-SEQ	BI-NGS-25	Ref. Transcriptome Sequencing with 50 Million Reads (Including Library Preparation and Sequencing only using 2X150 PE Chemistry)	Sample	50,000.00
mRNA-SEQ	BI-NGS-26	Ref. Transcriptome Sequencing with 50 Million Reads (Including Library Preparation and Sequencing only using 2X150 PE Chemistry)	Sample	60,000.00
mRNA-SEQ	BI-NGS-27	Ref. Transcriptome Sequencing with 80 Million Reads (Including Library Preparation and Sequencing only using 2X150 PE Chemistry)	Sample	65,000.00
mRNA-SEQ	BI-NGS-28	Ref. Transcriptome Sequencing with 80 Million Reads (Including Library Preparation, Sequencing using 2X150 PE Chemistry and Bioinformatics)	Sample	70,000.00
WTS-SEQ	BI-NGS-29	Whole Transcriptome Sequencing with 30 Million reads (Includes Library Preparation and Sequencing using 2X150 PE Chemistry)	Sample	45,000.00
WTS-SEQ	BI-NGS-30	Whole Transcriptome Sequencing with 30 Million reads (Includes Library Preparation, Sequencing using 2X150 PE Chemistry and analysis)	Sample	55,000.00
WTS-SEQ	BI-NGS-31	Whole Transcriptome Sequencing with 50 Million reads (Includes Library Preparation and Sequencing only using 2X150 PE Chemistry)	Sample	60,000.00
WTS-SEQ	BI-NGS-32	Whole Transcriptome Sequencing with 50 Million reads (Includes Library Preparation, Sequencing using 2X150 PE Chemistry and Bioinformatics only)	Sample	65,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## NGS Comprehensive Projects

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
sRNA-SEQ	BI-NGS-33	Small RNA Sequencing and Analysis-with 30 Million reads using 1X75 SE chemistry	Sample	50,000.00
sRNA-SEQ	BI-NGS-34	Small RNA Sequencing and Analysis with 20 Million reads using 1X75 SE chemistry	Sample	40,000.00
sRNA-SEQ	BI-NGS-35	Small RNA Sequencing and Analysis with 10-15 Million reads using 1X75 SE chemistry	Sample	35,000.00
sRNA-SEQ	BI-NGS-36	Denovo Whole Genome Sequencing and Analysis of Animal/Plant Genome - Out put 25-30 Gb Data using 2X150 PE Chemistry	Sample	2,50,000.00
DEG-SEQ	BI-NGS-37	Degradome Sequencing and Analysis- 80 Million Reads	Sample	1,50,000.00
Chip-seq	BI-NGS-38	ChIP Sequencing and Analysis with 5 Gb Data Per sample using 1X75 SE Chemistry	Sample	55,000.00
Chip-seq	BI-NGS-39	ChIP Sequencing and Analysis with 3 Gb Data Per Sample using 1X75 SE Chemistry	Sample	45,000.00
METHYLOME	BI-NGS-40	Methylation/ Bisulphite Sequencing with 40 Gb data using 2x150 PE Chemistry	Sample	1,00,000.00
METHYLOME	BI-NGS-41	Methylation/ Bisulphite Sequencing with 20 Gb data using 2x150 PE Chemistry	Sample	70,000.00
MEDIP	BI-NGS-42	Medip Sequencing on Illumina with 50X Coverage for 1 Gb Genome size using 2x150 PE Chemistry	Sample	40,000.00
METAGENOME-V3/V4	BI-NGS-43	Metagenomic Sequencing and analysis Variable Region V3 or V4 using 2X150 PE chemistry with 1M reads	Sample	16,000.00
METAGENOME-V3/V4	BI-NGS-44	Metagenomic Sequencing and analysis Variable Region V3 + V4 Combined amplicon using 2X250 PE chemistry with 1M reads per sample	Sample	20,000.00
WGMG	BI-NGS-45	Whole Genome Metagenome Sequencing with Data Out put upto 3GB/sample using 2x150 PE Chemistry	Sample	37,000.00
METATRANSCRIPTOME	BI-NGS-46	Metatranscriptome Sequencing and analysis with 20-30 Million Reads/Sample using 2x150 PE Chemistry	Sample	50,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## NGS Comprehensive Projects

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
GBS	BI-NGS-47	Genotyping by Sequencing 96 Plexing	Sample	4,500.00
GBS	BI-NGS-48	Genotyping by Sequencing 192 Plexing	Sample	3,500.00
HISEQ-50SE	BI-NGS-49	Hiseq 2500 1X50bp Full Flow Cell, Ready to Run-8 Lanes	Full Flow Cell	14,00,000.00
HISEQ-100SE	BI-NGS-50	Hiseq 2500 2x100bp Full Flow Cell, Ready to Run- 8 Lanes	Full Flow Cell	16,00,000.00
HISEQ-150SE	BI-NGS-51	Hiseq 2500 2x150bp Full Flow Cell, Ready to Run	Full Flow Cell	14,50,000.00
HISEQ-100PE-LANE SEQ	BI-NGS-52	Hiseq 2500 2x100bp, One Lane- 25-30 Gb Data-Ready to Run	Lane	1,80,000.00
NEXTSEQ	BI-NGS-53	Next-seq 500 Mid output 2X75 PE sequencing, Generation of 16 to 19 Gb data	One lane	1,57,450.00
NEXTSEQ	BI-NGS-54	Next-seq 500 Mid output 2X150 PE sequencing, Generation of 35 to 40 Gb data	One lane	2,30,435.00
NEXTSEQ	BI-NGS-55	Next-seq 500 High output 1X75 SR sequencing , Generation of 25 to 30 Gb data	One lane	1,90,000.00
NEXTSEQ	BI-NGS-56	Next-seq 500 High output 2X75 PE sequencing , Generation of 55 to 60 Gb data	One lane	3,50,000.00
NEXTSEQ	BI-NGS-57	Next-seq 500 High output 2x150 PE sequencing , Generation of 120-140 Gb data	One lane	5,50,000.00
MISEQ	BI-NGS-58	Miseq Run 2x150 Full Flow Cell- Ready to Run, Generation of 4 Gb data	Full Flow Cell	1,20,000.00
MISEQ	BI-NGS-59	Miseq Run 2x250 Full Flow Cell- Ready to Run, Generation of 7 to 8 Gb data	Full Flow Cell	1,80,000.00
MISEQ	BI-NGS-60	Miseq Run 2x300 Full Flow Cell- Ready to Run , Generation of 14 to 16 Gb data	Full Flow Cell	2,25,000.00
PACBIO	BI-NGS-61	CCS Library Sequencing in Pac Bio RS II, Data output >300 Mb Per SMRT Cell	SMRT Cell	65,000.00
PACBIO	BI-NGS-62	CLR Library Sequencing in Pac Bio Sequel, Data output 2.5GB-4GB Per SMRT Cell	SMRT Cell	1,70,000.00
PACBIO	BI-NGS-63	Pac BioLibrary preparation-2 to 3 kB- Output is Ready to run QC passed Library	SMRT Cell	50,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## NGS Comprehensive Projects

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
PACBIO	BI-NGS-64	Pac BioLibrary preparation-3 to 5 kB- Output is Ready to run QC passed Library	Library	60,000.00
PACBIO	BI-NGS-65	Pac BioLibrary preparation~ 10kB- Output is Ready to run QC passed Library	Library	65,000.00
PACBIO	BI-NGS-66	Pac BioLibrary preparation~ 20 kB- Output is Ready to run QC passed Library	Library	75,000.00
PACBIO	BI-NGS-67	QC Part	Sample	15,000.00
PACBIO	BI-NGS-68	Iso Seq Library Prep	Sample	100,000.00
PACBIO	BI-NGS-69	IsoSeq Sequencing	Sample	1,70,000.00

## Bioinformatics Analysis

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
QC	BI-BI-01	Data Quality Check	Sample	3,000.00
mRNA-ANALYSIS	BI-BI-02	Analysis of Transcriptome Sequencing Data Ref. Based, (30 million reads)	Sample	5,000.00
mRNA-ANALYSIS	BI-BI-03	Analysis of Transcriptome Sequencing Data Ref. Based, (60 million reads)	Sample	8,000.00
mRNA-ANALYSIS	BI-BI-04	Analysis of Transcriptome Sequencing Data-Denovo (30 million reads)	Sample	6,000.00
mRNA-ANALYSIS	BI-BI-05	Analysis of Transcriptome Sequencing Data-Denovo (60 million reads)	Sample	9,000.00
mRNA-ANALYSIS	BI-BI-06	Analysis of miRNA Sequencing Data (30 Million reads)	Sample	4,000.00
mRNA-ANALYSIS	BI-BI-07	Analysis of Deragome Sequencing Data (50 Million Reads)	Sample	10,000.00
METAGENOMICS-ANALYSIS	BI-BI-08	Amplicon based Metagenome Sequencing Data analysis (1 Million reads)	Sample	2,200.00
METAGENOMICS-ANALYSIS	BI-BI-09	Analysis of Wholegenome Metagenome Sequencing Data (5 Gb data)	Sample	4,000.00

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# NEXT GENERATION SEQUENCING (ILLUMINA)

## Bioinformatics Analysis

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
METAGENOMICS-ANALYSIS	BI-BI-10	Analysis of Metatranscriptome Sequencing Data (8 Gb data)	Sample	On Request
METAGENOMICS-ANALYSIS	BI-BI-11	Analysis of Metatranscriptome Sequencing Data Customized (8 Gb data)	Sample	On Request
TARGETTED-ANALYSIS	BI-BI-12	Analysis of Targeted Amplicon Sequencing Data ( 1GB/sample)	Sample	On Request
CHIP-ANALYSIS	BI-BI-13	Analysis of Chip Sequencing Data (5 Gb data)	Sample	On Request
BS-ANALYSIS	BI-BI-14	Analysis of Bisulfite Sequencing (10 Gb data)	Sample	On Request
BS-ANALYSIS	BI-BI-15	Analysis of Bisulfite Sequencing (40 Gb data)	Sample	On Request
HIC-ANALYSIS	BI-BI-16	Analysis of HIC Sequencing Data (5 Gb data)	Sample	On Request
Medip-ANALYSIS	BI-BI-17	Analysis of Medip Sequencing Data (5 Gb data)	Sample	On Request
Mnase-ANALYSIS	BI-BI-18	Analysis of Mnase Sequencing Data (5 Gb data)	Sample	On Request
WGS-ANALYSIS	BI-BI-19	Analysis of Whole Genome Sequencing Data, Ref. Based (5 Gb data)	Sample	On Request
WGS-ANALYSIS	BI-BI-20	Analysis of Whole Genome Sequencing Data, Denovo (5 Gb data))	Sample	On Request
WGS-ANALYSIS	BI-BI-21	Analysis of Whole Genome Sequencing Data, Ref. Based (1 Gb data)	Sample	On Request
WGS-ANALYSIS	BI-BI-22	Analysis of Whole Genome Sequencing Data, Ref. Based (20 Gb data)	Sample	On Request
WGS-ANALYSIS	BI-BI-23	Analysis of Whole Genome Sequencing Data, Denovo (20 Gb data)	Sample	On Request
WGS-ANALYSIS	BI-BI-24	Analysis of Whole Genome Sequencing Data, Ref. Based (50 Gb)	Sample	On Request
WGS-ANALYSIS	BI-BI-25	Analysis of Whole Genome Sequencing Data, Denovo (50 Gb)	Sample	On Request
WGS-ANALYSIS	BI-BI-26	Analysis of Whole Genome Sequencing Data, Ref. Based (100 Gb)	Sample	On Request

NOTE : \*GST extra as Applicable | \* BioServe Biotechnologies (India) Pvt. Ltd. reserves the right to add or discontinue item without prior notice. | \* For GST Exemption, Customers should provide GST Exemption Certificate



# NEXT GENERATION SEQUENCING (ILLUMINA)

## Bioinformatics Analysis

SERVICE NAME	CATALOG NO.	DESCRIPTION	UNIT	UNIT PRICE (INR)
WGS-ANALYSIS	BI-BI-27	Analysis of Whole Genome Sequencing Data, Denovo (100 Gb)	Sample	On Request
Exome-ANALYSIS	BI-BI-28	Analysis of Exome Sequencing Data (Data size up to 6GB/sample)	Sample	On Request
Exome-ANALYSIS	BI-BI-29	Analysis of Exome Sequencing Data, Customized (Data size up to 6GB/sample)	Sample	On Request
GBS-ANALYSIS-STANDARD	BI-BI-30	Analysis of Genotyping by Sequencing Data	Sample	On Request
GBS-ANALYSIS	BI-BI-31	Analysis of Genotyping by Sequencing Data Customized Data	Sample	On Request
ddRAD-ANALYSIS	BI-BI-32	Analysis of ddRAD Sequencing Data (Data Size 100MB/sample)	Sample	On Request
ddRAD-ANALYSIS	BI-BI-33	Analysis of ddRAD Sequencing Data Customized (Data Size 100MB/sample)	Sample	On Request
Microarray-ANALYSIS	BI-BI-34	Analysis of Microarray Sequencing Data	Sample	On Request
Iso-ANALYSIS-PACBIO	BI-BI-35	Analysis of Iso Sequencing Data	Sample	On Request
Bacterial-ANALYSIS-PACBIO	BI-BI-36	Analysis of Bacterial Genome of Pac Bio Data (Full Circular Map)	Sample	On Request
SMR-ANALYSIS-PACBIO	BI-BI-37	Analysis of 1SMR Data of Sequel Pac Bio	Sample	On Request
Sequencing-ANALYSIS-PACBIO	BI-BI-38	Analysis Genome Sequencing Hybrid Platform ( Data Size Up to 40 GB, 30 GB from Illumina and 10 Gb from Pac Bio)	Sample	On Request



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