

## JML offers the following NGS Tests

Sr No.	Test Name	Sample Requirement
1.	BRCA	3-5 ml Blood in EDTA tube
2.	Solid Tumor	FFPE Blocks
3.	HRR	FFPE Blocks
4.	HRD	FFPE Blocks
5.	Hematological Malignancies	1 vial of BMA/Blood in EDTA tube
6.	NIPT	10 ml maternal peripheral blood in a special tube.
7.	Whole Genome Sequencing (WGS)	10 ml maternal peripheral blood in a special tube.
8.	Whole Exome Sequencing (WES)	10 ml maternal peripheral blood in a special tube.

Turn Around Time (TAT) **7-10 DAYS**

72/2, Shipra Path, Patel Marg,  
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**JAIPUR**

MOLECULAR LAB

In Collaboration With Precision Path Lab

# NGS Service

**"Optimal Genetic Care:  
Your Best NGS Service Provider"**



# Cancer Incidence in India

In **2022**, the estimated number of cancer cases in India was **1,461,427**, which increased to **1,496,972** in **2023**.

In India, **1 in 9 people** are likely to develop cancer in their lifetime. Lung cancer is the leading cancer among males, while breast cancer is the most common among females.

## NGS (Next Generation Sequencing)

NGS, an advanced sequencing technology, offers exceptional speed, scalability, and throughput.

It deciphers nucleotide sequences in entire genomes or specific DNA/RNA regions, revolutionizing patient care and research with remarkable versatility and depth.

### About Jaipur Molecular Lab

JML (Jaipur Molecular Lab) is a top-tier genetic laboratory specializing in Next-Generation Sequencing (NGS). With advanced technology and expert staff, we offer precise genetic analysis for personalized healthcare, driving advancements in genetic medicine and patient care. Trust JML for accurate and timely NGS services.

### About Doctors



**Dr. Sameer Agarwal**  
MD

I specialize in Hematopathology with experience at Lilavati Hospital, Mumbai. I aim to provide top-tier genetic diagnostic services using NGS technology. I hold a postgraduate degree from Government Hospital, Nagpur.



**Dr. Jayesh Saha**  
MD

I specialize in Hematopathology with experience at Lilavati Hospital, Mumbai. I aim to provide top-tier genetic diagnostic services using NGS technology. I hold a postgraduate degree from Government Hospital, Nagpur.

# Our Services

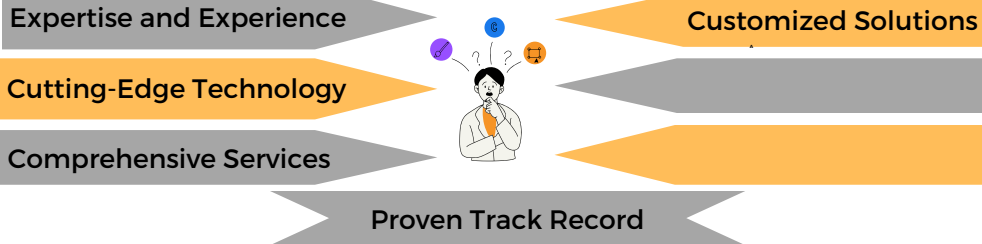
**01 NGS (Next Generation Sequencing)**  
An advanced method for rapidly sequencing entire genomes or specific DNA/RNA regions with high accuracy.

**02 PCR (Polymerase Chain Reaction)**  
A method used to amplify small segments of DNA, enabling detailed genetic analysis.

**03 FISH (Fluorescence in Situ Hybridization)**  
A technique that uses fluorescent probes to detect and localize specific DNA sequences on chromosomes.

**04 Flow Cytometry**  
A technology that analyzes the physical and chemical characteristics of cells or particles as they flow through a laser.

## Why Choose Us for NGS Testing?



**Benefits of Testing**

- Personalized Medicine
- Early Disease Detection
- Targeted Therapy
- Improved Treatment Outcomes

## Our USP

- Availability of expert molecular pathologists for consultation on challenging cases.
- Regular tumor board meetings will be held to discuss challenging cases with our expert molecular pathologists available for consultation.
- Q30

