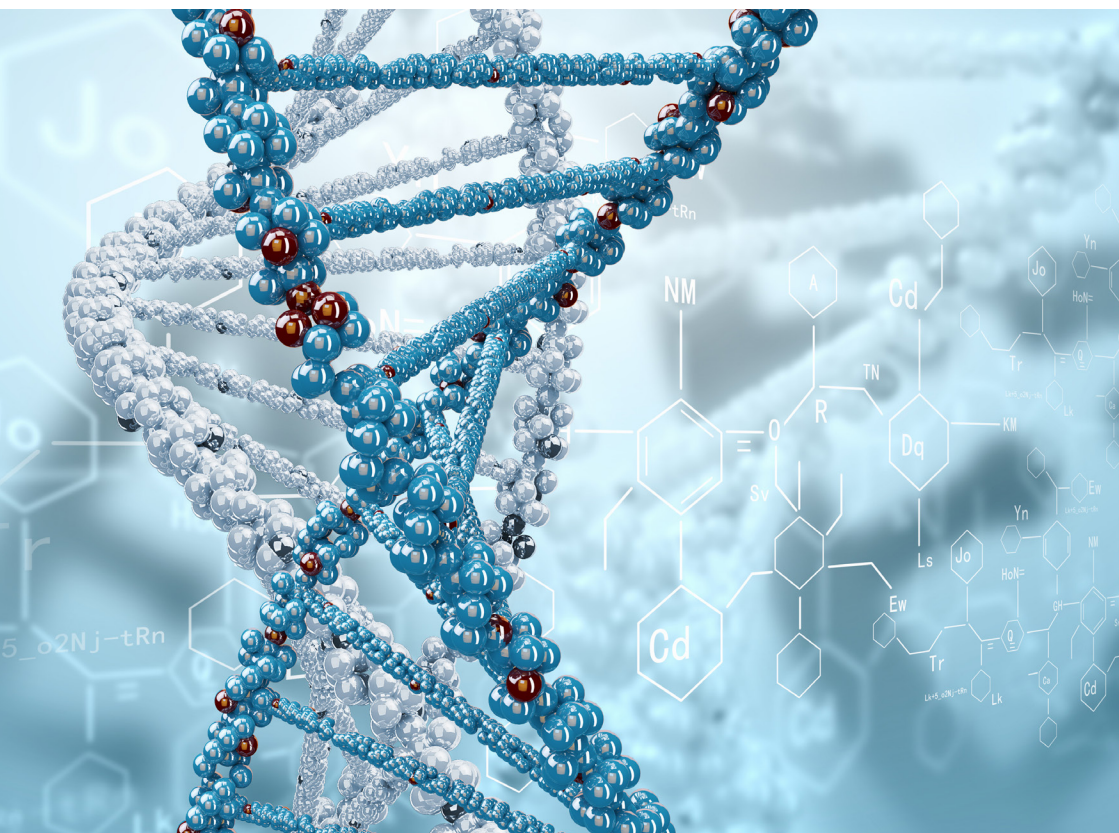


**DISCOVER**  
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# Personal Genomics

## Genetic Testing



India's Leading Super Specialised Laboratory Network

Web: [www.oncquest.net](http://www.oncquest.net) Oncquestlaboratories

## Genomepatri

Genomepatri is a saliva based test to decode a person's DNA and predict genetic risk for 100+ diseases, traits, drug responses, inherited conditions and carrier statuses.

The test helps in generating the following details from saliva samples:

- Personal genetic profile.
- Risk to a broad spectrum of diseases.
- Trait prediction.
- Risk and career status of inheritable conditions.
- Drug response information .
- Genetic counseling to correlate report findings with family history and current health status.

## Genomepatri Lite

Genomepatri Lite is a DNA-based test that gives insights into the role of genes in defining resilience levels, fitness, lifestyle habits, eating patterns, bone mineral density, ocular health and gender specific conditions.

The test helps in generating the following details:

- Appetite, eating patterns, satiety levels, fat storage and absorption, obesity, sports / fitness performance, cholesterol levels, triglyceride levels, etc.
- Information useful in losing weight, achievement of fitness goals, better understanding of the body, and development of healthy habits.
- Skin & hair properties that promote youthfulness.
- Prevention or delay of disease through an understanding of genetic risks for disease.

## BrainMap

BrainMap comprises the brain panel for prediction of genetic risk for neuro and psychiatric conditions and includes the following:

- Psychiatric conditions such as bipolar disorder, schizophrenia, etc.
- Learning disorders like ADHD and autism.
- Critical Neurological conditions such as ALPS, Parkinson's etc.
- Lifestyle traits such as alcoholism, nicotine dependence and caffeine consumption.

## OncoMap

- OncoMap offers a platform to enable high-throughput profiling of hundreds of known mutations across dozens of cancer genes.
- Predict the genetic risk for over 16 different cancers.
- Help in screening for early detection with one-on-one expert genetic counseling.
- An advanced technique which helps to detect many informative cancer gene mutations clinically significant to cancer development.
- Information on responsiveness towards drugs that can be used to guide treatment regimens.
- Prevent and early detect possible complications with expert genetic counseling.

## CardioMap

- A DNA-based cardiac health profile test which reports the genetic predisposition to heart diseases, diabetes and associated risk factors along with the best-fit risk mitigation options such as drug responses and lifestyle changes.
- Find genetic predisposition to diabetes and cardiovascular diseases such as atrial fibrillation, coronary heart disease, hypertrophic cardiomyopathy, etc.
- Assess lifestyle options such as alcohol, nicotine, diet and fitness.
- Predict the risk for common factors involved with CVD.
- Manage weight better.
- Evaluate treatment options for efficacy, sensitivity, and toxicity.

## GynaecMap

- A DNA-based test that looks at conditions specifically related to women, including reproductive, hormonal and disease conditions.
- Predict assessment for diseases such as ovarian cancer, bone mineral density, hyperthyroidism, premature menopause and more.
- Maximize the impact of fertility treatment and enjoy a healthier pregnancy with knowledge of genetic predisposition to conditions that directly impact motherhood.
- Useful in promoting women's wellness.

## SMART Sport

- Analysis of sprint power and endurance for sports with recommendations for best-fit sports activity.
- Helps to remove the natural muscle performance advantage and one's aptitude for certain sports.

- Aids in delivering information which aims to help maximize sports performance, choose sports and exercise to suit an individual's natural abilities and allow training to be adopted to exploit genetic advantage.

## Mycalmbeat

- Mycalmbeat is a brain exercise that helps improve your ability to manage stress through slow breathing.
- Slow breathing allows one to increase the variability of their heart rate to decrease stress, improve focus and build resilience.

## BabyMap

- BabyMap carrier screening provides with information regarding reproductive risks and how they may impact future children.
- By determining each parent's carrier status, couples planning a pregnancy can identify their chance for having a child with a genetic condition.
- Early detection of 171 conditions (spanning 106 genes and 4000+ markers) with management options.
- Genetic counseling to understand carrier status and to chart out an informed plan for pregnancy management.

### Test Information

Test Code	Test Name	Technique	Specimen	TAT
SMO10100	Genomepatri	See Individual Assays	2ml Saliva	7-8 weeks
SMO10275	Genompatri Lite	See individual Assays	Saliva	42 working days
SMO10110	Oncomap	SNP	2ml Saliva	7-8 weeks
SMO10111	Brainmap	SNP	2 ml Saliva	7-8weeks
SMO10112	Cardiomap	SNP	2 ml Saliva	7-8 weeks
SMO10115	Gynaecmap	SNP	2 ml Saliva	7-8 weeks
SMO10102	Mycalmbeat	SNP	Online Test	10 working Days
SMO10114	SMART Sport	SNP	3ml Saliva or 3ml EDTA Whole blood	3-4 weeks
SMO10277	Baby Map- new born	Next Generation Sequencing	Spot Blood	20 working Days
SMO10278	Baby Map -Carrier screening (single)	Next Generation Sequencing	Spot Blood	20 working Days
SMO10279	Baby Map- Carrier screening (couple)	Next Generation Sequencing	Spot Blood	20 working Days

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