

# Med4Me

## Pharmacogenomics Assay

**163 Genes**

The main target of Med4Me Assay is the genes associated with prescribed drugs of the corresponding diseases. The assay allows for precise selection and dosage of prescribed FDA approved drugs, and detection of genetic variants associated with drug metabolism in Oncology, Neurology, Cardiology, tuberculosis and many other diseases.

### Covered Regions

**Whole CDS + UTR  
(-50 bp, +10 bp)**

- Assess extensive target regions associated with pharmacogenomics
- Validated assay performance: Complete validation for clinical application



**Med4Me**  
Truly Personalized Medicine



# Med4Me Assay

## PGx

PHARMACOGENOMICS  
INSIGHTS



Gene count	~122
No. of genes	163
Covered region	Whole CDS + UTR (-50bp, +10 bp)
Target size	0.87 Mb
Mutation type	SNV / InDels
Sample type	Blood

### Types of Drugs Covered

- |                           |                      |
|---------------------------|----------------------|
| • Oncology                | • Internal Medicine  |
| • Transplantation Biology | • Psychiatry         |
| • Pain Management         | • Neurology          |
| • Cardiovascular function | • Infectology        |
| • Hematology              | • Endocrinology      |
| • Urology                 | • Recreational Drugs |
| • Anesthesiology          |                      |

\*Limited drug details mentioned

### ASSAY PERFORMANCE

Features	Illumina	MGI	Element (AVITI)
Coverage uniformity	94%	93%	95%
Precision	98%	98%	96.5%
Reproducibility	98%	98%	95.4%
Sensitivity	>90%	>91%	94%
On Target Ratio	88-95 %	87-95%	85-90%

### ORDERING INFORMATION

Commercial Name	Cat No.
Med4Me Standard Panel	G2MMSP08001-ill; G2MMSP08001-TF; G2MMSP08001-MG



### Genes2Me Pvt. Ltd.

1105, 11th Floor, Tower B, SAS Tower, Medicity,  
Sector - 38, Gurgaon - 122 001, Haryana, India  
Tel : + 91 18001 214030 / + 91 88000 23600  
E-mail : [contact@genes2me.com](mailto:contact@genes2me.com) [www.genes2me.com](http://www.genes2me.com)

