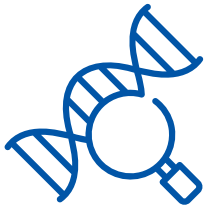


# Rapid Exome Sequencing

Detailed report in 10 working days



- Critically ill infants with genetic disorders are common cause for hospitalization in neonatal and pediatric intensive care units (NICUs & PICUs)
- Genetic testing has a direct impact on treatment management and interventional decisions in 44-88% with confirmed molecular diagnosis
- Rapid exome sequencing has demonstrated efficacy in clinical care and quantitative changes in healthcare including reduced need for invasive and unnecessary investigations

Ref: PMIDs: 35842091, 33822359, 34143244, 34490048, 36064943, 34327338, 32573669, 33845862

## FEATURES

✓ Assists clinicians to make informed decisions on disease management

✓ Timely targeted intervention based on genetic diagnosis will reduce long years of diagnostic odyssey, circumventing multiple diagnostic tests

✓ A short turnaround time will help diminish anxiety

✓ Effective and timely treatment will help prevent long-term adverse complications in the child

## WHY MEDGENOME

Clinical grade pipeline | Deep annotation | End to end automation | ML based variant

CAP accredited; Extensively validated pipeline

Consistent proficiency testing through "External Quality Monitoring Programs"



Unmatched experience of 250,000+ exomes

South Asia largest database with 5,000,000+ variants

Two levels of analysis and review by clinical geneticists

## TEST DETAILS

Test Code*	Test Name	Sample Type	TAT
MGM2628	TRIO - Rapid exome sequencing	Blood (3-5ml in EDTA tubes)	10 Working Days
MGM2627	Rapid exome sequencing	Blood (3-5ml in EDTA tubes)	10 Working Days



### Genetic Counselling

FREE pre & post test genetic counselling with our expert and certified genetic counsellors

\*Test requisition form is required with detailed clinical findings and family history

Talk to the Experts

1800 103 3691

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