

# NEWBORN SCREENING (NBS) PANELS

*Secure your baby's future health with timely testing*



- **Test early.**
- **Detect early.**
- **Treat early.**



## Why Newborn Screening?

**Every newborn deserves the healthiest start.**

NBS detects rare but serious health conditions before symptoms appear — helping prevent long-term complications. A few drops of blood can make all the difference.



**Sample Type: Dried Blood Spot (Heel prick)**



**TAT: Results in just 2 days**



**Affordable, Accurate, and Essential**



## Your Trusted Partner:



**Xyomics innovation**



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# CHOOSE YOUR PANEL

Panel	Disorders	MRP
NBS 7	CAH, CH, G6PD, Galactosemia, Phenylalaninemia, Biotinidase, Cystic Fibrosis	₹2100/-
NBS 5	CAH, CH, G6PD, Galactosemia, Phenylalaninemia	₹1500/-
Basic NBS	CAH, CH, G6PD	₹900/-

- ✓ Fast results
- ✓ Accurate analysis
- ✓ Covers India's most essential metabolic & endocrine disorders

## TEST DETAILS

- 1 NEONATAL 17OH PROGESTERONE (CAH)**  
 Detects Congenital Adrenal Hyperplasia, a hormone disorder affecting salt balance.
- 2 NEONATAL TSH (CONGENITAL HYPOTHYROIDISM)**  
 Ensures proper thyroid function to prevent intellectual disability and growth delay.
- 3 NEONATAL G6PD**  
 Early diagnosis prevents caused by hemolytic anemia.
- 4 NEONATAL GALACTOSE (GALACTOSEMIA)**  
 Identifies babies who cannot metabolize milk sugar — untreated, it can lead to liver damage.
- 5 NEONATAL PHENYLALANINE (PHENYLKETONURIA)**  
 Avoid severe neurological damage and prevents mental retardation.
- 6 NEONATAL BIOTINIDASE**  
 Prevents seizures, hair loss, and developmental delay through early vitamin therapy.
- 7 NEONATAL IRT (CYSTIC FIBROSIS)**  
 Detects a life-limiting genetic disorder affecting lungs and digestion.

## How It Works



01

### SAMPLE COLLECTION

A simple heel prick within 48–72 hours of birth.



02

### DRIED BLOOD SPOT (DBS)

The sample is safely preserved for analysis in whattman 903 filter paper



03

### FAST & ACCURATE RESULTS

Delivered in 2 working days to your pediatrician or hospital.