## 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, Phenyalaninemia, Biotinidase, Cystic Fibrosis	₹2100/-
NBS 5	CAH, CH, G6PD, Galactosemia, Phenyalaninemia	₹1500/-
Basic NBS	CAH, CH, G6PD	₹900/-

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

### **TEST DETAILS**

NEONATAL 170H
PROGESTERONE (CAH)

Detects Congenital Adrenal Hyperplasia, a hormone disorder affecting salt balance.

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.

NEONATAL GALACTOSE (GALACTOSEMIA)

Identifies babies who cannot metabolize milk sugar — untreated, it can lead to liver damage.

NEONATAL PHENYLALANINE (PHENYLKETONURIA)

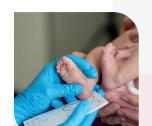
Avoid severe neurological damage and prevents mental retardation.

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.