



Give Your Baby The

RightStart

An advanced newborn screening with
CONFIRMATORY GENETIC REFLEX TESTING 

Newborn Screening (NBS) Test is a simple and safe screening test given to your baby within the first 72 hours of birth to detect the presence of 100+ congenital disorders. Such disorders or conditions, if left untreated, can adversely impact the baby's growth and development and could even be life-threatening in certain instances.

Benefits of RightStart:



Use of Time Resolved Fluoroimmunoassay

which is more sensitive than the conventional ELISA platform



Confirmation of positive screened test reports

with genetic testing



No extra sample required for definitive diagnosis

based on genetic information, thereby providing faster treatment



Significant reduction in false positive rate

while reducing parental anxiety and overall treatment expense



Provides high sensitivity

for small quantity of analytes too



Genetic counselling support

to patients by board certified genetic counsellor

How is the Newborn Screening Test done?



Heel Prick Test

A few drops of blood are collected on a special filter paper from the baby's heel by a trained nurse or medical professional.



Urine Test

A urine sample is also collected by placing a filter paper within the baby's diaper.

“Early Detection, Diagnosis & Intervention help prevent intellectual and physical disabilities and life-threatening illnesses and improve neonatal and long-term health outcomes.”

Why choose RightStart at MFine Diagnostics?

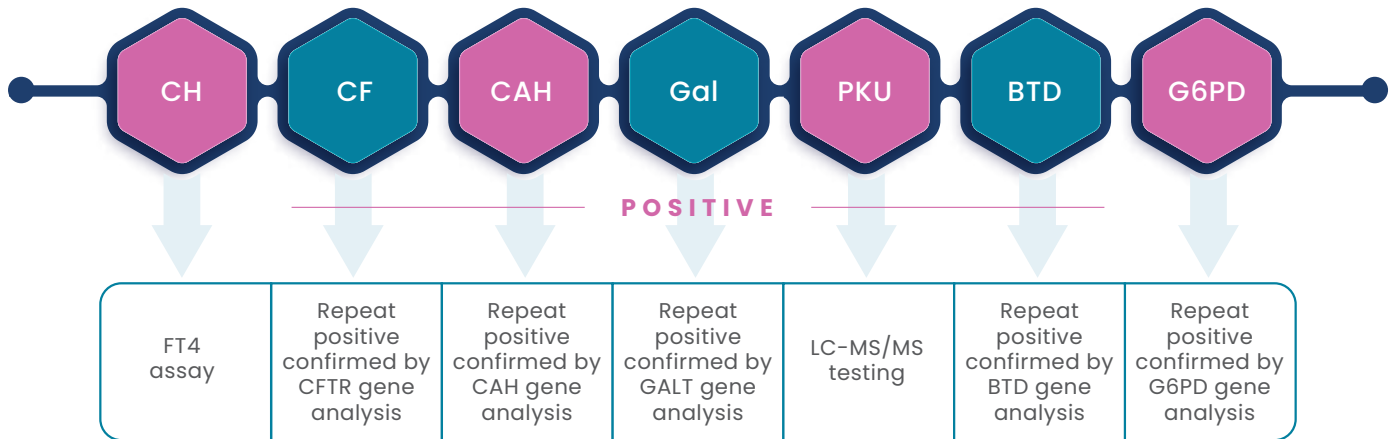


Best-in-class platforms like LCMS, GC-MS used for higher accuracy, reproducibility and scalability



No loss of positive cases, significant reduction in time to confirm diagnosis

All the positive screening results for babies with age less than 10 days are confirmed with second tier reflex testing as per the protocol mentioned below:



Test Ordering Information

Test Code	Service Name	Components	Method	Specimen
NBS001	Basic 7 conditions	CH, CAH, G6PD, Gal, BTB, PKU, CF	TRFA	4 Spots on DBS card
NBS004	Basic 4 conditions	CH, CAH, G6PD, Gal		
NBS003	Haemoglobinopathies - Hb Variant Analysis	Haemoglobinopathy by Capillary Electrophoresis	HPLC/CE	
NBS002	TMS (52 Conditions)	Amino acid, organic acid and fatty acid oxidation disorders	LC-MS/MS	4 Spots on DBS card Backup- Urine filter paper
NBS006	GCMS (111 Conditions)	111+ metabolic disorders	GCMS	2 Strips Urine Sample Backup- DBS
NBS008	11 Conditions (Basic 7 conditions+Hb variants)	CH, CAH, G6PD, Gal, BTB, PKU, CF, HB variants	TRFA+HPLC/CE	4 Spots on DBS card
NBS017	58 Conditions - Basic 6 conditions + TMS (52 conditions)	CH, CAH, G6PD, Gal, BTB, CF, TMS	TRFA+LC-MS/MS	
NBS009	62 Conditions - Basic 6+TMS (52 conditions)+ Hb Variants	CH, CAH, G6PD, Gal, BTB, CF, HB variants, TMS	TRFA+LC-MS/MS +HPLC/CE	4 Spots on DBS card Backup- Urine filter paper
NBS011	NBS Duo	TMS, GCMS	LC-MS/MS+GCMS	4 Spots on DBS card +2 Urine Strips
NBS081	NBS TRIO	TMS, GCMS, CH, CAH, G6PD, Gal, BTB, PKU, CF	TRFA+LC-MS/MS +GCMS	
NBS025	NBS TETRA	CAH, CH, G6PD, CF, BTB, GAL, TMS, GCMS, HB	TRFA+LC-MS/MS +GCMS+HPLC/CE	
NBS222	NBS PENTA	CH, CAH, G6PD, Gal, BTB, CF, HB, TMS, LSD, GCMS	TRFA+HPLC/CE+ LC-MS/MS+GCMS	



TAT: 48 hrs



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