



# RightStart

Newborn Screening



INDIA'S MOST  
COMPREHENSIVE  
& Advanced Newborn Screening Program  
WITH A DIFFERENCE!

Name of Salesperson: ..... Contact: .....

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 [www.mfine.co](http://www.mfine.co)



## Newborn Screening Securing a Healthy Future for Generations to Come

We understand the importance of this test and, therefore, bring you a newborn care program that is a notch above the rest.

## What Makes RightStart Newborn Screening Unique?

### It utilizes the power of DNA!

DNA is a stable molecule & that's why it is unhindered by some of the biological & collection concerns that may affect an analyte in biochemical screening.



### First Commercial Laboratory in India to use multiple & most advanced platforms for higher accuracy

- Time resolved immunofluoro assay based Genetic Screening Processor
- Liquid chromatography with tandem mass spectrometry (LCMSMS) platform by Qsight
- Gas chromatography-mass spectrometry (GCMS) platform by Shimadzu
- Capillary electrophoresis platform by Sebia Neonatz
- Next-generation sequencing (NGS) platform by Illumina
- Reference range developed from the experience of screening 5 lacs + newborns across India



### Two-step Testing process for quick diagnosis & prompt treatment

- Biochemical screening results are shared within 48 hours
- Reflex genetic sequencing of screen positive conditions helps in identifying mutations in genes that results in the disorder. The results are shared within 96 Hours



### Exceptional Genetic Counselling Support

- Result interpretation by board-certified genetic counsellors
- Experienced clinical geneticists to provide insights on next steps & line of treatment

## MFine's Expertise & Experience in Newborn Diagnostics

Babies screened to date



>5 lakhs to date

Hospital tie-up



2015+

Genetic counsellors



6

Clinical geneticists



4

MD Biochemistry



2

## Extensive Coverage Of Disorders Across Advanced Screening Platforms

First Commercial Laboratory in India to use multiple & most advanced platforms for higher accuracy	RightStart LCMSMS Platform (QSIGHT)	RightStart GCMS Platform (Shimadzu)	Capillary Electrophoresis for HbPathy (Sebia)
Glucose-6-phosphate dehydrogenase deficiency (G6PD)	Amino acid disorders	Amino acid disorders	Beta Thalassemia
Galactosemia (GALT)	Organic acidemias	Organic acidemias	Sickle Cell Anaemia
Congenital adrenal hyperplasia (CAH)	Fatty acid oxidation disorders	Fatty acid oxidation disorders	AlphaThalassemia
Congenital hypothyroidism (CH)	Severe combined immunodeficiency (SCID)	Severe combined immunodeficiency (SCID)	
Cystic fibrosis (CF)	ADO & D-ADO SCID First in India	Disorders of purine and pyrimidine metabolism	
Biotinidase deficiency (BTD)	ASA/Glutamine/Ornithine Citrulline-Urea Cycle Disorders	Disorders of sugar metabolism	
Phenylketonuria (PKU)	SA-Tyrosinemia-Type I	Mitochondrial disorders	
		Peroxisomal disorders	

## RightStart Newborn Screening Program 2019-20 at a Glance

Conditions	G6PD	CH	CAH	BTD	CF	TGAL	PKU	TMS	HB	GCMS
Babies Screened	1,96,042	1,90,762	2,00,137	1,08,778	1,17,260	1,50,396	1,07,035	29,606	31,219	20,037
Screen Positives	4,200	1,100	190	55	455	152	116	1,575	550	1,020

## Choose MFine's RightStart Newborn Screening, Choose the Best for a Newborn's Health!

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“When we have false positive cases, it becomes difficult to counsel the parents because these are lifelong disorders and ,therefore, we need to have a confirmatory diagnosis. Having a reflex testing in these cases is really beneficial so we can get the confirmed diagnosis to the parents. So, I strongly recommend newborn screening and reflex testing.”

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**Dr. Madhavi Shelke**  
Pediatric Neurologist, Aurangabad

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“I would recommend RightStart Newborn Screening to all the neonates. It has an advantage that it reduces false positive cases and gives confirmatory diagnosis. So, that anxiety in the parents can be prevented.”

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**Dr. Kamal Parekh**  
Eminent Neurologist, Ahmedabad



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