

PATIENT DATA	FILTER PAPER DATA	SUBMITTER DATA
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LABORATORY REPORT FOR **First Step™** NEWBORN SCREENING TEST

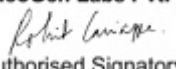
Acylcarnitine Profile (TMS) Fatty Acid Oxidation & Organic Acid Disorders	Within Normal Limits
Amino Acid Profile (TMS) Amino Acid Disorders, Urea Cycle Disorders	Within Normal Limits
G6PD Deficiency (FEA) Glucose-6-Phosphate Dehydrogenase (G6PD) Normal: > 2 U/gHb Deficient: < 2 U/gHb	Within Normal Limits ** G6PD Enzyme Activity > 7.8 U/gHb
Congenital Adrenal Hyperplasia (FEIA) 17-hydroxyprogesterone (17-OHP) Normal: < 55 ng/mL High: > 55 ng/mL	Within Normal Limits 17-OHP = 12.72 ng/mL
Galactosemia (Fluorimetry) Total Galactose (TGAL) Normal: < 20 mg/dL High: > 20 mg/dL	Within Normal Limits ** TGAL = 1.16 mg/dL
Congenital Hypothyroidism (ELISA) Thyroid Stimulating Hormone (TSH) Normal: < 7.15 µIU/mL High: > 7.15 µIU/mL	Within Normal Limits TSH = 6.45 µIU/mL
Biotinidase Deficiency (FEA) Biotinidase (BIOT) Normal: > 40 U Deficient: < 40 U	Within Normal Limits ** Biotinidase Enzyme Activity > 343.9 U

QNS Quantity Not Sufficient **NA** Not Applicable Residual specimen is stored for retesting purposes.

NOTES:

24 day old, premature baby. Transfused (pRBC).

**** possibility of false negative results for these screening assays (due to pRBC transfusion).**

For NeoGen Labs Pvt. Ltd.	For NeoGen Labs Pvt. Ltd.
	
Authorised Signatory Dr. ROHIT CARIAPPA Lab Director	Dr. Siva Adarsh Consultant Biochemist PhD

