Questions?
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NeoGen Labs

PATIENT DATA	FILTER PAPER DATA	SUBMITTER DATA

PATIENT INFORMATION AND DATA

LABORATORY REPORT FOR First Step™ NEWBORN SCREENING TEST

G6PD Deficiency (FEA) Glucose-6-Phosphate Dehydrogenase (G6PD) **Normal**: > 2 U/gHb **Deficient:** < 2 U/gHb	**Within Normal Limits** G6PD Enzyme Activity > 11.1 U/gHb
Congenital Adrenal Hyperplasia (FEIA) 17-hydroxyprogesterone (17-OHP) **Normal**: < 20 ng/mL **High:** > 20 ng/mL	**Within Normal Limits** 17-OHP = 5.15 ng/mL
Congenital Hypothyroidism (FEIA) Thyroid Stimulating Hormone (TSH) **Normal**: < 10 µIU/mL **High:** > 10 µIU/mL	**Within Normal Limits** TSH = 2.48 µIU/mL
Hemoglobinopathies (HPLC) Sickle Cell & Other Hemoglobinopathies Not valid after 3 months of age	**Within Normal Limits**

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

NOTES:

Disorders Detected

1. Congenital Hypothyroidism (CH)
2. Congenital Adrenal Hyperplasia (CAH)
3. Glucose-6-Phosphate Dehydrogenase Deficiency (G6PD)
4. Sickle Cell Anemia (Hb S/S)
5. Sickle-C Disease (Hb S/C)
6. S-βeta Thalassemia (Hb S/βTh)
7. Hb Variants (Var Hb)

Newborn Screening Limitations

Due to biologic variability of newborns and differences in detection rates for the various disorders in the newborn period, Newborn Screening will not identify all newborns with these conditions. While a positive screening result identifies newborns at an increased risk to justify a diagnostic work-up, a negative screening result does not rule out the possibility of a disorder. Healthcare providers should remain vigilant for any signs or symptoms of these disorders in their patients. The screening process is best coordinated with a physician. The screening services and materials are not a substitute for medical advice, diagnosis or treatment.

End of Report

Rohit Cariappa, PhD, DABCC

Where babies take their first step