



Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency Testing (Quantitative determination)



Purpose:

Per NYS, newborns and infants who meet any one of the following criteria must be tested for G6PD deficiency using a quantitative test.

These include any newborns who:

- Present with hemolytic anemia
- Present with hemolytic jaundice
- Present with early onset increasing neonatal jaundice persisting beyond the first week of life (bilirubin level greater than the 40th percentile for age in hours)
- Are admitted to the hospital for jaundice following discharge
- Have a familial, racial, or ethnic risk of G6PD deficiency (African, Asian, Mediterranean, or Middle Eastern ancestry)

Testing:

- In-house quantitative testing will start **4/27/23**
- Will be performed at **Community Campus** lab and will be run **daily on weekdays**.
- No tests will be run on weekends or holidays.
- Specimens received before 12 pm should expect same day reporting of results.
- Ordered through EPIC using the order “**G6PD, Quantitative**” or “**LAB9799**”
- Whole blood collected in EDTA (at least 500µL for pediatric patients).
- Hemoglobin concentration of same time collection must be obtained before reporting of results → **Please order a CBC at the same time as the test.**

The new in-house quantitative test will replace the old in-house qualitative test and send-out test allowing for expedited quantitative results

For questions, please contact the Community laboratory at 315-492-5177

OLD ORDER CODES (LAB2508 & LAB9760)

Name	Type	Code
G6Pd, Qualitative	Lab	LAB2508
G6PD,Qn,Bld and Hgb (Send Out)	Lab	LAB9760

NEW ORDER

G6PD, Quantitative

Process Instructions: Tier 1 (all credentialed providers)

Frequency:

At
4/4/2023 1108

NEW Results

Epic Pt Station Schedule Tools My Reports Hospital Account Transcribe Orders Lab Collection Remin

Scheduling Reports Test, Stephanie

ST

Stephanie Test
Female, 38 y.o., 6/19/1984
MRN: 6094169
Code: Not on file
(No Advance Care Documents on File)

Infection: None

Daniel B Rancier, MD
PCP - General

Results Review

Search

LABORATORY RESULTS

- BLOOD
- CHEMISTRY
- HEMATOLOGY
- COMPLETE BLOOD COUNT
- OTHER HEMATOLOGY
- Adeno qPCR
- G6PD Quant, RBC
- Hemoglobin
- G6PD Quant Calculated
- COAGULATION

OTHER HEMATOLOGY

Hemoglobin	13.4
G6PD Quant Calculated	22.5