

**Reporting Title:** G6PD Full Gene Sequencing, V  
**Performing Location:** Rochester

**Ordering Guidance:**  
For initial or time-sensitive screening for glucose-6-phosphate dehydrogenase deficiency, order G6PD1 / Glucose 6-Phosphate Dehydrogenase Enzyme Activity, Blood.

**Necessary Information:**  
Include physician name and phone number with the specimen.

**Specimen Requirements:**  
Submit only 1 of the following specimens:

**Specimen Type:** Whole blood  
**Container/Tube:**  
**Preferred:** Lavender top (EDTA) or yellow top (ACD)  
**Specimen Volume:** 3 mL  
**Collection Instructions:**  
1. Invert several times to mix blood.  
2. Send whole blood specimen in original tube. **Do not** aliquot.  
**Specimen Stability Information:** Ambient (preferred) 9 days/Refrigerated 30 days

**Specimen Type:** Saliva  
**Patient Preparation:** Patient should not eat, drink, smoke, or chew gum 30 minutes prior to collection.  
**Supplies:** Saliva Swab Collection Kit (T786)  
**Specimen Volume:** 1 Swab  
**Collection Instructions:** Collect and send specimen per kit instructions.  
**Specimen Stability Information:** Ambient 30 days

**Forms:**  
1. **New York Clients-Informed consent is required.** Document on the request form or electronic order that a copy is on file. The following documents are available:  
-[Informed Consent for Genetic Testing](#) (T576)  
-[Informed Consent for Genetic Testing \(Spanish\)](#) (T826)  
2. [If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:](#)  
-[Therapeutics Test Request](#) (T831)  
-[Benign Hematology Test Request Form](#) (T755)

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

**Result Codes:**

Test Definition: G6PDZ

Glucose-6-Phosphate Dehydrogenase (G6PD)  
Full Gene Sequencing, Varies

Result ID	Reporting Name	Type	Unit	LOINC®
618837	G6PD Phenotype	Alphanumeric		47998-0
618838	Result Details	Alphanumeric		82939-0
618839	Interpretation	Alphanumeric		69047-9
618840	Additional Information	Alphanumeric		48767-8
618841	Method	Alphanumeric		85069-3
618842	Disclaimer	Alphanumeric		62364-5
618843	Reviewed By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81249

Reference Values:

An interpretive report will be provided.