

Glucose-6-Phosphate Dehydrogenase (G6PD)

Order Name: **G6PD**

Test Number: 2003750

Revision Date: 04/17/2024

TEST NAME	METHODOLOGY	LOINC CODE
Glucose-6-Phosphate Dehydrogenase (G6PD)	Kinetic Spectrophotometric	32546-4

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	Two 4.5 mL (Two 0.5mL)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Instructions	<p>Notes: Hemoglobin: Two 4.5 mL EDTA or 0.5mL lavender-top Microtainer(TM) tubes filled to at least 50% of tube capacity. (Note: If any other size lavender tube is used, the tube must be filled to at least 50% capacity of tube fill volume. Insufficient volume may limit the extent of procedures performed); and G6PD: one lavender-top (EDTA) tube, green-top (heparin) tube or yellow-top (ACD) tube (0.1 mL) whole blood</p> <p>Specimen Type: Two lavender-top (EDTA) tubes or one green-top (heparin) tube AND one lavender-top (EDTA) tube or one yellow-top (ACD) tube AND one lavender-top (EDTA) tube</p> <p>Specimen Storage: Hemoglobin: Stable room temperature for 1 day or refrigerated for 72 hours.G6PD: Stable room temperature for 72 hours or refrigerated for seven days.</p> <p>Specimen Collection: Not Available</p> <p>Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available</p>			

GENERAL INFORMATION	
Expected TAT	2-4 days after set-up
Clinical Use	<p>Useful for evaluation of individuals with Coombs-negative nonspherocytic hemolytic anemia. To help exclude inherited deficiency.</p> <p>G-6-PD is the most common enzyme deficiency in the world. Newborns with G-6-PD may have prolonged and more pronounced neonatal jaundice than other newborns. Older individuals are subject to hemolytic anemia that can be induced by some foods, drugs, and infections.</p>
Performing Labcorp Test Code	121003
CPT Code(s)	85018, 82955
Lab Section	Reference Lab