



Patient ID SA00140458	Patient Name VALIDATIONTESTING, PGK1	Birth Date 1987-07-27	Gender F	Age 33
Order Number SA00140458	Client Order Number SA00140458	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 22 Nov 2020 12:00		

Phosphoglycerate Kinase, B

Result Name	Value	Unit	Reference Value	Performing Site
 Phosphoglycerate Kinase, B  Low	<32	U/g Hb	142–232	 MCR
Phosphoglycerate Kinase (PGK) activity level is 16% of mean normal range. Clinically significant disorders due to PGK deficiency have been reported with RBC activity ranging from 1–49% of mean normal; however, affected patients more typically have values <20% of normal mean (Chiarelli et al. PMID: 22348148). Because this disorder is X-linked, heterozygous females may have variable degrees of hemolysis with mildly decreased activity levels. Clinically significant PGK deficiency variably manifests in chronic hemolytic anemia, neurologic impairment, and/or myopathies with episodes of rhabdomyolysis.				

Received: 23 Nov 2020 11:20

Reported: 23 Nov 2020 11:35

Laboratory Notes

-  This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292