



Patient ID SA00143687	Patient Name VALIDATIONSOF, TESTING	Birth Date 1983-03-03	Gender M	Age 38
Order Number SA00143687	Client Order Number SA00143687	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 28 Mar 2021 15:00		

Hexokinase, B

Result Name	Value	Unit	Reference Value	Performing Site
 Hexokinase, B 	0.5	U/g Hb	0.7–1.7	 MCR

The Hexokinase (HK) activity is decreased.

HK activity is 50% of mean normal range.

Clinical correlation is required to establish HK deficiency as a cause of hemolytic anemia as the assayed activity level can vary from markedly decreased to borderline normal levels due to a compensated increase in enzyme by any reticulocytes present.

Clinically significant hexokinase deficiency is a rare disorder with variable severity ranging from mild compensated anemia to severe chronic hemolytic anemia, fetal demise or psychomotor delay.

If genotyping is desired, a sequencing panel is available. If indicated, please order NGHHA (Hereditary Hemolytic Anemia Seq) or NGENZ (RBC Enzyme Sequencing) and fill out the information sheet.

Received: 30 Mar 2021 14:29

Reported: 30 Mar 2021 14:30

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