



Patient ID SA00059234	Patient Name SAMPLEREPOR, EEEVP A	Birth Date 1966-06-10	Gender F	Age 47
Order Number SA00059234	Client Order Number SA00059234	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 20 Jun 2013 00:00		

RBC Enzyme Evaluation



Erythrocyte Enzyme Interpretation

MCR

All Red Blood Cell enzyme values are normal except Glucose Phosphate Isomerase (GPI).

Glucose phosphate isomerase (GPI) activity is 45% of mean normal range. Most clinically significant hemolytic anemias due to GPI deficiency are associated with activity levels <30% of mean normal; however, some clinically affected patients can have higher activity due to reticulocytosis. Heterozygotes usually show 40–60% of mean normal activity and are hematologically normal.

Clinically significant GPI deficiency manifests in variable severity ranging from anemia, jaundice, gallstones, splenomegaly, neonatal death/hydrops fetalis and neurologic impairment.

Result Name	Value	Unit	Reference Value	Performing Site
G-6-PD, QN, RBC	9.0	U/g Hb	8.8–13.4	MCR
Pyruvate Kinase, RBC	10.0	U/g Hb	6.7–14.3	MCR
 Glucose Phosphate Isomerase, B 	22.0	U/g Hb	39.3–57.7	MCR
Hexokinase, B	1.0	U/g Hb	0.8–1.9	MCR

Received: 21 Jun 2013 09:45

Reported: 21 Jun 2013 13:35

Glutathione, B

Result Name	Value	Unit	Reference Value	Performing Site
Glutathione, B	82.0	mg/dL RBC	46.9–90.1	MCR

Received: 21 Jun 2013 09:45

Reported: 21 Jun 2013 13:32

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905



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Reflexed RBC Enzymes

Result Name	Value	Unit	Reference Value	Performing Site
Adenosine Deaminase, B	1.3	U/g Hb	0.5–1.7	MCR
Adenylate Kinase, B	255	U/g Hb	190–321	MCR
Phosphofructokinase, RBC	7.5	U/g Hb	6.1–9.4	MCR
Phosphoglycerate Kinase, B	165	U/g Hb	165–239	MCR
Triosephosphate Isomerase, B	1010	U/g Hb	930–1406	MCR
Pyrimidine 5' Nucleotidase, B	Normal			MCR
REFERENCE VALUE Expected result is normal				

Received: 21 Jun 2013 09:45

Reported: 21 Jun 2013 13:33

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905