

Reporting Title: RBC Enzyme Evaluation

Performing Location: Rochester

Necessary Information:

[Metabolic Hematology Patient Information \(T810\)](#) is strongly recommended and should include clinical history. Testing may proceed without this information, however if the information requested is received, it allows for a more complete interpretation.

Specimen Requirements:

Container/Tube:

Preferred: Yellow top (ACD solution B)

Acceptable: Yellow top (ACD solution A)

Specimen Volume: 12 mL

Collection Instructions: Send whole blood specimen in original tube. Do not aliquot.

Forms:

- 1. [Metabolic Hematology Patient Information \(T810\)](#)
- 2.If not ordering electronically, complete, print, and send a [Benign Hematology Test Request \(T755\)](#) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole Blood ACD-B	Refrigerated	11 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
2734	Pyrimidine 5' Nucleotidase, B	Alphanumeric		2902-5
AKCL	Adenylate Kinase, B	Numeric	U/g Hb	44051-1
608087	Erythrocyte Enzyme Interpretation	Alphanumeric		59466-3
608109	Reviewed By	Alphanumeric		18771-6
608409	Glutathione, B	Numeric	mg/dL RBC	2383-8
TPICL	Triosephosphate Isomerase, B	Numeric	U/g Hb	44054-5
PKCL	PK Enzyme Activity, B	Numeric	U/g Hb	32552-2
PGKCL	Phosphoglycerate Kinase, B	Numeric	U/g Hb	44053-7
PFKCL	Phosphofructokinase, B	Numeric	U/g Hb	72664-6
HKCL	Hexokinase, B	Numeric	U/g Hb	49216-5
GPICL	Glucose Phosphate Isomerase, B	Numeric	U/g Hb	44050-3
G6PCL	G6PD Enzyme Activity, B	Numeric	U/g Hb	32546-4

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
EEEVI	Erythrocyte Enzyme Interpretation			Yes	No
G6PDC	G6PD Enzyme Activity, B	1	82955	Yes	Yes, (Order G6PD1)
PKC	PK Enzyme Activity, B	1	84220	Yes	Yes, (Order PK1)
GPIC	Glucose Phosphate Isomerase, B	1	84087	Yes	Yes, (Order GPI1)
HKC	Hexokinase, B	1	82657	Yes	Yes, (Order HK1)
AKC	Adenylate Kinase, B	1	82657	Yes	Yes, (Order AK1)
PFKC	Phosphofructokinase, B	1	82657	Yes	Yes, (Order PFK1)
PGKC	Phosphoglycerate Kinase, B	1	82657	Yes	Yes, (Order PGK1)
TPIC	Triosephosphate Isomerase, B	1	82657	Yes	Yes, (Order TPI1)
GSH	Glutathione, B	1	82978	Yes	Yes
P5NT	Pyrimidine 5' Nucleotidase, B	1	83915	Yes	Yes

CPT Code Information:

- 82955-G6PD Enzyme Activity
- 84087-Glucose phosphate isomerase
- 84220-Pyruvate Kinase Enzyme Activity
- 82657-Hexokinase
- 82657-Adenylate Kinase
- 82657-Phosphofructokinase
- 82657-Phosphoglycerate Kinase
- 82657-Triosephosphate Isomerase
- 82978-Glutathione
- 83915-Pyrimidine 5' Nucleotidase

Reference Values:

Definitive results and an interpretive report will be provided.