

Creatine Kinase Isoenzymes (CK Isoenzymes)

Order Name: **ISOCPK REF**
Test Number: 5008150
Revision Date: 04/22/2024

TEST NAME	METHODOLOGY	LOINC CODE
Creatine Kinase BB Isoenzyme	Quantitative Enzymatic/Electrophoresis	15048-2
Creatine Kinase MM Isoenzyme	Quantitative Enzymatic/Electrophoresis	15049-0
Creatine Kinase MB Isoenzyme	Quantitative Enzymatic/Electrophoresis	12187-1
CK-Macro Type I	Quantitative Enzymatic/Electrophoresis	26019-0
CK-Macro Type II	Quantitative Enzymatic/Electrophoresis	26020-8
Creatine Kinase Total	Quantitative Enzymatic/Electrophoresis	2157-6

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	Two 2 mL (1.5)	Serum	Clot Activator SST	Frozen
Instructions	<p>Specimen Collection: Please Provide Two Frozen Serum Specimens 2mL(1.5 mL) Each ASAP</p> <p>Due to complexity of testing at the performing laboratory and To avoid delays in turnaround time when requesting multiple tests on frozen samples. -</p> <p>Notes: 1.5 mL (Note: This volume Does NOT allow for repeat testing for each specimen)</p> <p>Specimen Type: Red-top tube or gel-barrier tube</p> <p>Specimen Storage: Refrigerate up to 48 hours. FREEZE (-20 degrees C) up to two weeks.</p>			
<p>Special Instructions: State patient's sex on the request form.</p>				

GENERAL INFORMATION

Expected TAT	3 - 6 days
Clinical Use	The creatine kinase isoenzyme test separates the major isoenzymes of creatine kinase (CK-MM Isoenzyme (muscle), CK-MB Isoenzyme (specific for cardiac muscle), and CK-BB Isoenzyme (found in brain, prostate, gut, lung, bladder, uterus, placenta, and thyroid) by electrophoresis. Creatine Kinase Isoenzymes is useful in the evaluation of myocardial disease. Isoenzyme CK-MM is found in skeletal muscle whereas isoenzyme CK-MB is increased in recent myocardial (heart) damage.
Performing Labcorp Test Code	002154
CPT Code(s)	82552; 82550
Lab Section	Reference Lab