

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 Due to complexity of testing at the performing laboratory and To avoid delays in turnaround time when requesting multiple tests on frozen samples. - Notes: 1.5 mL (Note: This volume Does NOT allow for repeat testing.for each specimen) Specimen Type: Red-top tube or gel-barrier tube 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