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**Lab Dept:** Chemistry

**Test Name:** CK MB INDEX PANEL

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***General Information***

**Lab Order Codes:** CKMP

**Synonyms:** MB, Creatine Kinase

**CPT Codes:** 82553 – Creatine kinase; MB fraction only

**Test Includes:** Total CK, CK-MB, CK Index

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***Logistics***

**Test Indications:** While CKMB has been replaced by troponin assays in the work-up of many patients with acute chest pain, CKMB may be useful if the initial troponin determination is abnormal or if a hospitalized patient has a suspected reinfarction.

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** Allina Medical Laboratory (Test: MBI)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 day, performed daily

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** Green (Lithium Heparin) top tube  
Alternate: SST (Gold, marble or red) or Green (Sodium Heparin)

**Draw Volume:** 2 mL (Minimum: 0.6 mL) blood

**Processed Volume:** 0.6 mL (Minimum: 0.2 mL) plasma

**Collection:** Routine blood collection

**Special Processing:** Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. If specimen will be not be sent within 72 hours of collection, freeze sample. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimens

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***Interpretive***

**Reference Range:**

CK MB	< or = 7.0 ng/mL
CK Index	<5.0

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Chemiluminescent Microparticle Immunoassay (CMIA)

**References:** [Allina Medical Laboratory](#) January 2018

**Updates:**  
6/10/2010: Reference range update, previously reported as  $\leq 6.2$  ng/mL for all patients.  
9/11/2012: Moved from Mayo to Allina.  
11/23/2016: Volume update.  
1/17/2018: Collection container update.