



**Meridian**  
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## REVISED CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** A38925H **Lot #:** 1126418

**Description:** Human Creatine Kinase-MM  
Purified Creatine Kinase MM (CKMM) Isoenzyme Fraction

**Source:** Human Heart

**Format:** Purified, Lyophilized

**Purification:** 1 CK band by agarose gel isoenzyme electrophoresis. Molecular weight of the MM fraction is unknown.

**Concentration:** 0.39 mg protein/vial (Coomassie) (prior to lyophilization).  
Activity: 120 Units/vial @ 37°C (measured on Dimension).  
Measured at 340 nm as one equimolar amount of NADH produced by coupled reaction.  
Specific Activity: 310 Units/mg protein.  
One unit will transfer one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.

**Buffer:** Lyophilized from 40 mM Tris-Cl, 1 mM EDTA, 10 mM N-Acetyl Cysteine, pH 7.5.

**Preservative:** None

**Application:** Specific methodologies have not been tested using this product.

**Storage:** Store at -20°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Diana Dunn*

21 Sept 2018

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**