CKB, CKM
Human Creatine Kinase MB Isoenzyme Lyophilized

Catalog No.	CSI19641A CSI19641B	**Quantity:**	100 U 1 KU

Alternate Names: Creatine Kinase MB, CKMB isoenzyme, CK MB

Description: Human Creatine Kinase MB Isoenzyme is one of the most important myocardial markers with well-established roles in confirming acute myocardial infarction.

Human Creatine Kinase consists of two isoenzymes, B (brain type) or M (muscle type). Three different human isoenzymes exist: CKBB, CKMM, and CKMB.

Gene ID: 1152,1158

Source: Human Heart

Formulation: Lyophilized from 5 mM Succinate Buffer + 1 mM EDTA + 1 mM DTE + 10 mM NaCl

Purity: >90% Purity based on SDS Page. 100% CKMB, no CKMM or CKBB detected.

Endotoxin Level: < 0.1 ng/µg of protein.

Specific Activity: Typically >250 U/mL @ 37°C. One unit will transfer one mmole of phosphate from Creatine Phosphate to ADP per minute at 37C. Measured at 340 nm as one equimolar amount of NADH produced by a coupled reaction.

Storage & Stability: Store at -20°C. Stable for 1 year. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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