

SPECIFICATION

Creatine Kinase MB Human Heart

GENERAL INFORMATION

Catalogue Number	190-24A	Storage Temperature	-20°C
Lot Number	Report	Storage Note	2 – 8°C short-term
CAS Number	9001-15-4	Shipping Note	Cold packs
E.C. Number	2.7.3.2	Received By	_____
Synonyms	CKMB, CK-MB, CKB	Receipt Date	_____

PRODUCT INFORMATION

Source	Human heart
Form	Solution in 5 mM sodium succinate, 10 mM sodium chloride, 1 mM EDTA, 5 mM beta-mercaptoethanol in 50% glycerol, pH 7.0
Appearance	Clear, colorless solution
Protein	≥ 0.5 mg/mL (Coomassie)
Activity	Report U/mL (Dimension® Clinical Chemistry System)
Unit Definition	One unit will catalyze the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.
Specific Activity	≥ 600 U/mg protein
Purity	≥ 98% (SDS-PAGE)
Electrophoresis	≥ 99% CKMB (Electrophoresis)
Recertification	Three years from date of manufacture

HANDLING INFORMATION

Handling	Handle as a potentially hazardous substance.
Recovery	If small volume, microfuge vial before drawing from container.

Non-infectious disease statement: Negative or non-reactive at the donor level for anti HIV 1 and 2, anti HCV and HBsAg by FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Biosafety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009. This product is intended for research, laboratory use, or further manufacturing. It is not for administration to humans. We certify this to be true to the best of our knowledge. The statements herein are offered for informational purposes only and are intended to be used solely for your consideration, investigation and verification. The suitability of this product for each application must be determined by each end user.