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Product Datasheet

Creatine Kinase MM (CK-MM), Human Skeletal Muscle 190-29

Product Name	Creatine Kinase MM (CK-MM), Human Skeletal Muscle
Catalog Number	190-29
Tested Applications	Calibration, Control, QC Materials
Alternative Names	CK-MM, CKMM
Brand	Lee Biosolutions
Form/Appear	Clear, colorless to red solution
Concentration	≥ 5.0 mg/mL (Coomassie)
Storage	−20 °C
Purity	Highly Purified
CAS Number	9001-15-4
Source	Human Skeletal Muscle
Buffer	0.2 micron-filtered solution in 40 mM Tris, 2 mM DTT, and 2 mM EDTA, pH 7.5 with glycerol added to 50% (v/v)
Shelf Life	2 years
Biological Activity	≥ 10,000 U/mL (Dimension® Clinical Chemistry System)
Expression System	E. coli
Content	GOT/AST: ≤ 0.01% (Dimension® Clinical Chemistry System) LDH: ≤ 0.01%
Specific Activity	≥ 500 U/mg protein
Unit Definition	One unit will catalyze the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.