

Human Creatine Kinase MB isoenzyme, CK-MB ELISA Kit | CK-MB elisa kit

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CATALOG #
AAA80683

REACTIVITY
Human

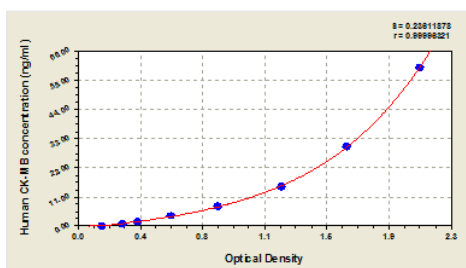
PRODUCT SYNONYMS

Creatine Kinase MB isoenzyme; CK-MB; Human Creatine Kinase MB isoenzyme; CK-MB ELISA Kit; CK-MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CK-MB. No significant cross-reactivity or interference between human CK-MB and analogues was observed.
Sequence Length	381
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, urine
Detection Range	0.9 ng/ml-60 ng/ml
Sensitivity	< 0.22 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK-MB elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CK-MB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CK-MB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CK-MB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CK-MB bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI Accession #	NP_001815.2
NCBI GenBank Nucleotide #	NM_001824.4
UniProt Accession #	P06732; Q96QL9
Molecular Weight	43,101 Da
NCBI Official Full Name	creatine kinase M-type
NCBI Official Synonym Full Names	creatine kinase, muscle
NCBI Official Symbol	CKM
NCBI Official Synonym Symbols	CKMM; M-CK
NCBI Protein Information	creatine kinase M-type; creatine kinase M chain
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	CKM
UniProt Synonym Gene Names	CKMM
UniProt Entry Name	KCRM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/creatine-kinase-mb-isoenzyme-ck-mb/80683>