

Mouse creatine kinase, muscle ELISA Kit | CKM elisa kit

Mouse Creatine kinase M-type, CKM ELISA Kit

CATALOG #
AAA112370

REACTIVITY
Mouse

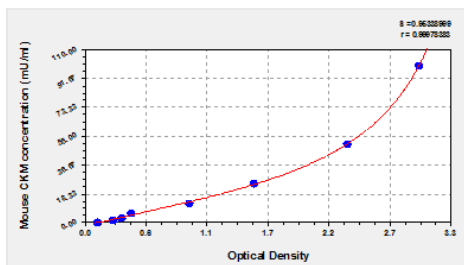
PRODUCT SYNONYMS

creatine kinase; muscle; Mouse Creatine kinase M-type; CKM ELISA Kit; Mouse Creatine kinase M-type (CKM) ELISA kit; CKMM; M-CK; creatine kinase M chain; creatine kinase-M; muscle creatine kinase; CKM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CKM. No significant cross-reactivity or interference between mouse CKM and analogues was observed.
Sequence Length	381
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	1.56 mU/ml -100 mU/ml
Sensitivity	Typically less than 0.39 mU/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 CKM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CKM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CKM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CKM 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 CKM bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6671762
NCBI GeneID	12715
NCBI Accession #	NP_031736.1
NCBI GenBank Nucleotide #	NM_007710.2
UniProt Accession #	P07310
Molecular Weight	43,045 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	MCK; 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_MOUSE

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/ckm-mouse-elisa-kits/creatine-kinase-muscle/112370>