

Human Creatine Kinase MM isoenzyme (CK-MM) ELISA Kit | CK-MM elisa kit

Human Creatine Kinase MM isoenzyme, CK-MM ELISA Kit

CATALOG #
AAA18259

REACTIVITY
Human

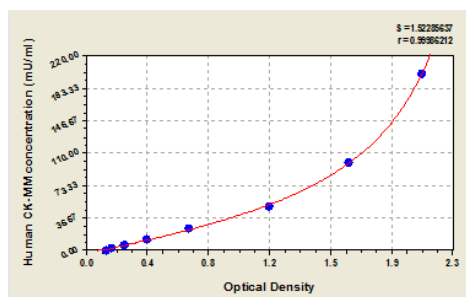
PRODUCT SYNONYMS

Creatine Kinase MM isoenzyme (CK-MM); Human Creatine Kinase MM isoenzyme; CK-MM ELISA Kit; Human Creatine Kinase MM isoenzyme (CK-MM) ELISA Kit; CK-MM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CK-MM. No significant cross-reactivity or interference between human CK-MM and analogues was observed.
Sequence Length	20
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 mU/ml-200 mU/ml
Sensitivity	< 0.78 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 CK-MM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CK-MM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CK-MM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CK-MM 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-MM 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 #	260938
NCBI Official Full Name	creatine kinase, CK-MM {N-terminal} {EC 2.7.3.2}, partial

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-mm-isoenzyme-ck-mm/18259>