

Sheep Creatine Kinase MB Isoenzyme, CK-MB ELISA Kit | CK-MB elisa kit

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CATALOG #
AAA123212

REACTIVITY
Sheep

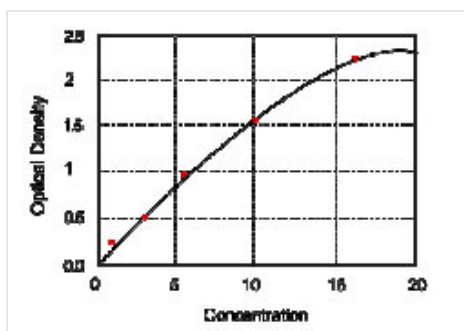
PRODUCT SYNONYMS

Creatine Kinase MB Isoenzyme; CK-MB; Sheep Creatine Kinase MB Isoenzyme; CK-MB ELISA Kit; CK-MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	381
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.021ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK-MB elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Creatine Kinase MB Isoenzyme (also known as CK-MB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep CK-MB antibody. CK-MB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep CK-MB Antibody is added and binds to CK-MB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CK-MB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Sheep CK-MB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI GenBank Nucleotide #	NP_001815.2
UniProt Accession #	P06732
NCBI Official Full Name	creatine kinase M-type
NCBI Official Synonym Full Names	creatine kinase, M-type
NCBI Official Symbol	CKM
NCBI Official Synonym Symbols	CKMM; M-CK; CPK-M
NCBI Protein Information	creatine kinase M-type
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/sheep-elisa-kits/creatine-kinase-mb-isoenzyme-ck-mb/123212>