

Monkey Creatine Kinase MB isoenzyme ELISA Kit | CKMB elisa kit

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CATALOG #
AAA17018

REACTIVITY
Monkey

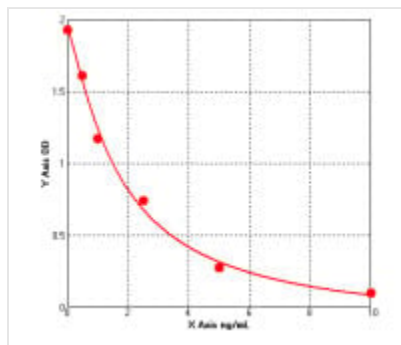
PRODUCT SYNONYMS

Creatine Kinase MB isoenzyme; Monkey Creatine Kinase MB isoenzyme ELISA Kit; CKMB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CKMB. No significant cross-reactivity or interference between CKMB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CKMB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CKMB elisa kit	Principle of the Assay: CKMB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CKMB antibody and an CKMB-HRP conjugate. The assay sample and buffer are incubated together with CKMB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CKMB concentration since CKMB from samples and CKMB-HRP conjugate compete for the anti-CKMB antibody binding site. Since the number of sites is limited, as more sites are occupied by CKMB from the sample, fewer sites are left to bind CKMB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CKMB concentration in each sample is interpolated from this standard curve. Intended Uses: This CKMB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CKMB. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CKMB elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978661
NCBI GeneID	24265
NCBI Accession #	NP_036662.1
NCBI GenBank Nucleotide #	NM_012530.2
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	Ckmm
NCBI Protein Information	creatine kinase M-type; M-CK; creatine kinase M chain
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	Ckm
UniProt Synonym Gene Names	Ckmm
UniProt Entry Name	KCRM_RAT

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/ckmb-monkey-elisa-kits/creatine-kinase-mb-isoenzyme/17018>