

Monkey Creatine Kinase, Muscle ELISA Kit | CK-MM elisa kit

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CATALOG #
AAA89075

REACTIVITY
Monkey

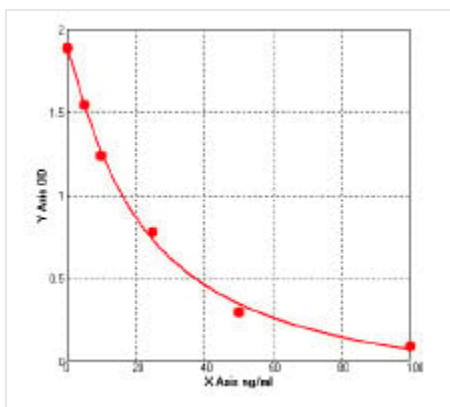
PRODUCT SYNONYMS

Creatine Kinase; Muscle; Monkey Creatine Kinase; Muscle ELISA Kit; CK-MM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK-MM elisa kit

Intended Uses: This CKBB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CKBB. This ELISA kit for research use only!

Principle of the Assay: CKBB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CKBB antibody and an CKBB-HRP conjugate. The assay sample and buffer are incubated together with CKBB-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 CKBB concentration since CKBB from samples and CKBB-HRP conjugate compete for the anti-CKBB antibody binding site. Since the number of sites is limited, as more sites are occupied by CKBB from the sample, fewer sites are left to bind CKBB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CKBB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72154368
NCBI GeneID	397264
Molecular Weight	43,059 Da
NCBI Official Full Name	CKM
NCBI Official Symbol	CKM
NCBI Protein Information	creatine kinase M-type; M-CK; muscle creatine kinase; creatine kinase M chain
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	CKM
UniProt Entry Name	KCRM_PIG

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/ck-mm-monkey-elisa-kits/creatine-kinase-muscle/89075>