

Chicken Creatine Kinase MB isoenzyme ELISA Kit | CKMB elisa kit

Chicken Creatine Kinase MB isoenzyme ELISA Kit

CATALOG #
AAA89245

REACTIVITY
Chicken

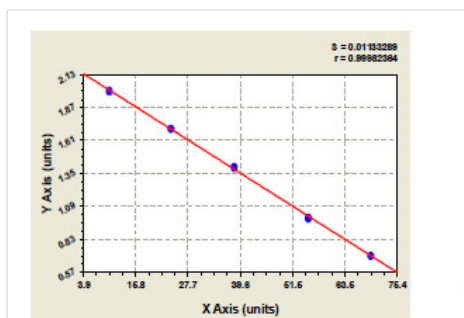
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 CKMB elisa kit

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

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.

Product Categories/Family for CKMB elisa kit

[Epigenetics and Nuclear Signaling](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ckmb-chicken-elisa-kits/creatine-kinase-mb-isoenzyme/89245>