

Canine Creatine Kinase MB isoenzyme ELISA Kit | CKMB elisa kit

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CATALOG # AAA88065	REACTIVITY Canine
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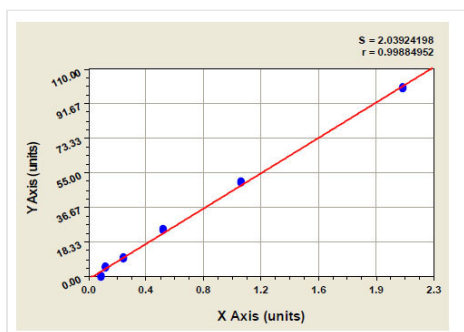
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CKMB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CKMB. This ELISA kit for research use only, not for therapeutic applications!
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: peroxidase (HRP) -conjugated polyclonal antibody, specific for CKMB are added to each well to "sandwich" the CKMB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CKMB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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	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-canine-elisa-kits/creatine-kinase-mb-isoenzyme/88065>