

Dog Creatine Kinase MB isoenzyme (CK-MB) ELISA Kit | CK-MB elisa kit

Canine Creatine Kinase MB isoenzyme, CK-MB ELISA Kit

CATALOG #
AAA15774

REACTIVITY
Dog

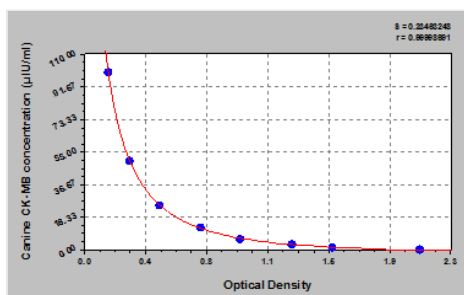
PRODUCT SYNONYMS

Creatine Kinase MB isoenzyme (CK-MB); Canine Creatine Kinase MB isoenzyme; CK-MB ELISA Kit; Canine Creatine Kinase MB isoenzyme (CK-MB) ELISA Kit; CK-MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine CK-MB. No significant cross-reactivity or interference between canine CK-MB and analogues was observed.
Sequence Length	381
Samples	Serum, plasma
Detection Range	1.56 uIU/ml -100 uIU/mL
Sensitivity	<0.78 µIU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK-MB elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with CK-MB. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for CK-MB. The competitive inhibition reaction is launched between pre-coated CK-MB and CK-MB in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of CK-MB in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI Accession #	NP_001815.2
NCBI GenBank Nucleotide #	NM_001824.4
UniProt Accession #	P06732; Q96QL9
Molecular Weight	43,101 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; M-CK
NCBI Protein Information	creatine kinase M-type; creatine kinase M chain
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://www.aaabiotech.com/dog-elisa-kits/creatine-kinase-mb-isoenzyme-ck-mb/15774>