

Pig creatine kinase, muscle ELISA Kit | CKM elisa kit

Pig Creatine kinase M-type, CKM ELISA Kit

CATALOG #
AAA80935

REACTIVITY
Pig

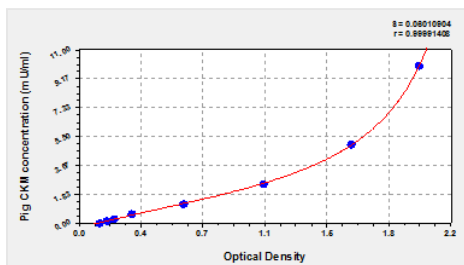
PRODUCT SYNONYMS

creatine kinase; muscle; Pig Creatine kinase M-type; CKM ELISA Kit; Pig Creatine kinase M-type (CKM) ELISA kit; CKMM; M-CK; creatine kinase M chain; creatine kinase-M; muscle creatine kinase; CKM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig CKM. No significant cross-reactivity or interference between pig CKM and analogues was observed.
Sequence Length	381
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.156 mU/ml-10 mU/ml
Sensitivity	< 0.039 mU/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 CKM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CKM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CKM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CKM is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CKM bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018722
NCBI GeneID	397264
NCBI Accession #	NP_001123421.1
NCBI GenBank Nucleotide #	NM_001129949.1
UniProt Accession #	Q5XLD3; Q45EW9
Molecular Weight	43,059 Da
NCBI Official Full Name	creatine kinase M-type
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.