

Human CKM ELISA Kit | CKM elisa kit

Human CKM (Creatine Kinase, Muscle) ELISA Kit

CATALOG #
AAA163907

REACTIVITY
Human

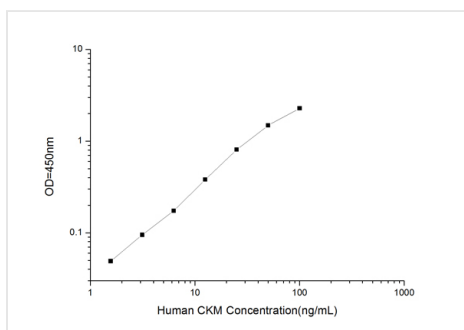
PRODUCT SYNONYMS

CKM; Human CKM (Creatine Kinase; Muscle) ELISA Kit; CKM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CKM in samples. No significant cross-reactivity or interference between Human CKM and analogues was observed.
Sequence Length	381
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CKM were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CKM were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CKM elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CKM. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CKM and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CKM, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human CKM. You can calculate the concentration of Human CKM in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CKM concentrations in serum, plasma and other biological fluids.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	72154368
NCBI GeneID	397264
UniProt Accession #	Q5XLD3; Q45EW9
Molecular Weight	43,059 Da
NCBI Official Full Name	CKM
NCBI Official Symbol	CKM
NCBI Protein Information	creatine kinase M-type; M-CK; creatine kinase M chain; muscle creatine kinase
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.