

Rabbit Creatine Kinase, Muscle ELISA Kit | CKM elisa kit

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CATALOG #
AAA86962

REACTIVITY
Rabbit

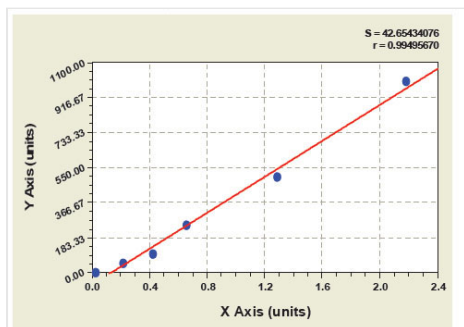
PRODUCT SYNONYMS

Creatine Kinase; Muscle; Rabbit Creatine Kinase; Muscle ELISA Kit; CKM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000U/L
Sensitivity	1.0 U/L
Intended Uses	This CKM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CKM. 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 CKM elisa kit

Principle of the Assay: CKM ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CKM. Standards or samples are then added to the microtiter plate wells and CKM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CKM present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CKM are added to each well to "sandwich" the CKM 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 CKM 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 CKM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72154368
NCBI GeneID	397264
Molecular Weight	43,059 Da
NCBI Official Full Name	CKM
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.

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Online datasheet: <https://stage.aaabiotech.com/ckm-rabbit-elisa-kits/creatine-kinase-muscle/86962>