

Bovine Myosin light chain kinase ELISA Kit | MYLK elisa kit

Bovine Myosin light chain kinase, smooth muscle ELISA Kit

CATALOG #
AAA56965

REACTIVITY
Bovine

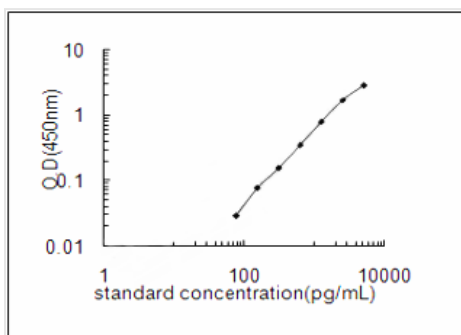
PRODUCT SYNONYMS

Myosin light chain kinase; Bovine Myosin light chain kinase; smooth muscle ELISA Kit; smooth muscle; MLCK; Telokin; MYLK; 2.7.11.18; MYLK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovineMLCK. No significant cross-reactivity or interference was observed.
Sequence Length	1176
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	78.0pg/mL -5000pg/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYLK elisa kit

Intended Uses||This immunoassay kit allows for the in vitro quantitative determination ofbovineMLCKconcentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MLCK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forMLCK and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain MLCK, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MLCK in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28603748
NCBI GeneID	338037
NCBI Accession #	NP_788809.1
NCBI GenBank Nucleotide #	NM_176636.2
UniProt Accession #	Q28824
Molecular Weight	– Da
NCBI Official Full Name	myosin light chain kinase, smooth muscle
NCBI Official Symbol	MYLK
NCBI Official Synonym Symbols	MLCK; smMLCK
NCBI Protein Information	myosin light chain kinase, smooth muscle
UniProt Protein Name	Myosin light chain kinase, smooth muscle
UniProt Gene Name	MYLK
UniProt Synonym Gene Names	MLCK; smMLCK
UniProt Entry Name	MYLK_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mylk-bovine-ovine-elisa-kits/myosin-light-chain-kinase/56965>