

Rat Myosin light Chain (MLC) ELISA Kit | MLC elisa kit

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CATALOG #
AAA53302

REACTIVITY
Rat

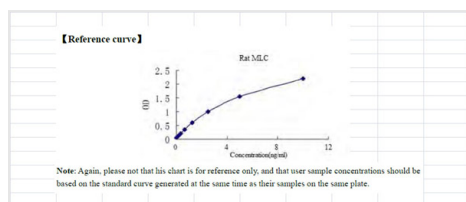
PRODUCT SYNONYMS

Myosin light Chain (MLC); Rat Myosin light Chain (MLC) ELISA Kit; MLC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	150
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MLC elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat MLC monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157427687
NCBI GeneID	397666

NCBI Accession #	NP_999539.2
NCBI GenBank Nucleotide #	NM_214374.2
NCBI Official Full Name	myosin light chain 1/3, skeletal muscle isoform
NCBI Official Symbol	MYL1
NCBI Official Synonym Symbols	MLC
NCBI Protein Information	myosin light chain 1/3, skeletal muscle isoform; fast myosin light chain 1; Ca2+-binding protein-like protein; alkali myosin light chain 3 A2 catalytic

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/rat-elisa-kits/myosin-light-chain-mlc/53302>