

Rat Myosin-4 ELISA Kit | MYH4 elisa kit

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CATALOG #
AAA122916

REACTIVITY
Rat

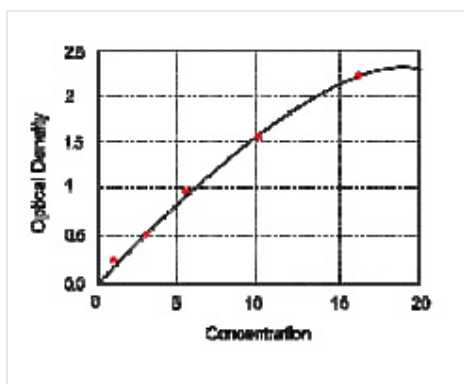
PRODUCT SYNONYMS

Myosin-4; Rat Myosin-4 ELISA Kit; MYH4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1939
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L-3000ng/L
Sensitivity	6.99ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYH4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Myosin Light Chain 3 (also known as MYL3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MYL3 antibody. MYL3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MYL3 Antibody is added and binds to MYL3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MYL3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MYL3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110611903
NCBI GeneID	4622
NCBI Accession #	NP_060003.2
NCBI GenBank Nucleotide #	NM_017533.2
UniProt Accession #	Q9Y623
NCBI Official Full Name	myosin-4
NCBI Official Synonym Full Names	myosin heavy chain 4
NCBI Official Symbol	MYH4
NCBI Official Synonym Symbols	MYH2B; MyHC-2B; MyHC-IIb
NCBI Protein Information	myosin-4
UniProt Protein Name	Myosin-4
UniProt Gene Name	MYH4
UniProt Synonym Gene Names	MyHC-2b; MyHC-IIb
UniProt Entry Name	MYH4_HUMAN

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.