

Human Myomesin 2 (MYOM2) ELISA Kit | MYOM2 elisa kit

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CATALOG #
AAA64510

REACTIVITY
Human

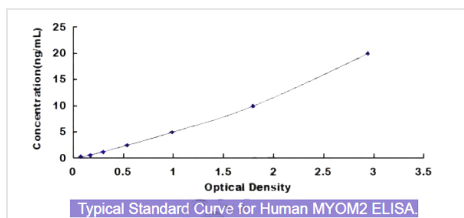
PRODUCT SYNONYMS

Myomesin 2 (MYOM2); Human Myomesin 2 (MYOM2) ELISA Kit; TTNAP; Myomesin family member 2; 165 kDa titin-associated protein; 165 kDa connectin-associated protein; MYOM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MYOM2. No significant cross-reactivity or interference between MYOM2 and analogues was observed.
Sequence Length	1465
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.123ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MYOM2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MYOM2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYOM2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MYOM2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MYOM2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MYOM2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of MYOM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MYOM2 in human tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	611434985
NCBI GeneID	9172
NCBI Accession #	NP_003961.3
NCBI GenBank Nucleotide #	NM_003970.3
UniProt Accession #	P54296; Q7Z3Y2
Molecular Weight	164,896 Da
NCBI Official Full Name	myomesin-2
NCBI Official Synonym Full Names	myomesin 2
NCBI Official Symbol	MYOM2
NCBI Official Synonym Symbols	TTNAP
NCBI Protein Information	myomesin-2
UniProt Protein Name	Myomesin-2
UniProt Gene Name	MYOM2

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.