

Human Myopalladin (MYPN) ELISA Kit | MYPN elisa kit

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CATALOG #
AAA66038

REACTIVITY
Human

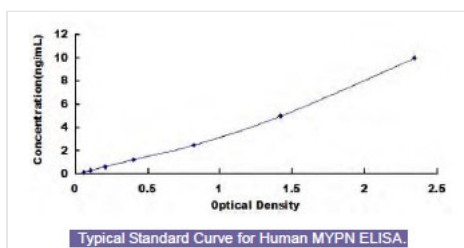
PRODUCT SYNONYMS

Myopalladin (MYPN); Human Myopalladin (MYPN) ELISA Kit; MYOP; Sarcomeric Protein Myopalladin; 145 kDa; MYPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MYPN. No significant cross-reactivity or interference between MYPN and analogues was observed.
Sequence Length	1320
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.047ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MYPN 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 MYPN 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 MYPN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MYPN in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MYPN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MYPN. 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 MYPN, 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 MYPN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	372220097
NCBI GeneID	84665
NCBI Accession #	NP_001243196.1
NCBI GenBank Nucleotide #	NM_001256267.1
UniProt Accession #	Q86TC9; Q5VV35; Q5VV36; Q86T37; Q8N3L4; Q96K90; Q96KF5
Molecular Weight	56,185 Da
NCBI Official Full Name	myopalladin isoform a
NCBI Official Synonym Full Names	myopalladin
NCBI Official Symbol	MYPN
NCBI Official Synonym Symbols	MYOP; RCM4; CMH22; CMD1DD
NCBI Protein Information	myopalladin
UniProt Protein Name	Myopalladin
UniProt Gene Name	MYPN
UniProt Synonym Gene Names	MYOP

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.