

Human Myopalladin (MYPN) ELISA Kit | MYPN elisa kit

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CATALOG #
AAA187144

REACTIVITY
Human

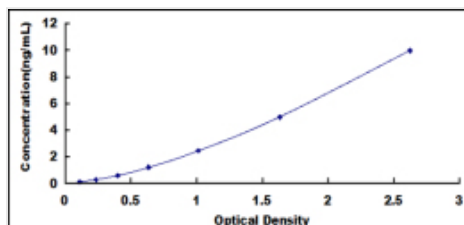
PRODUCT SYNONYMS

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 Myopalladin (MYPN). No significant cross-reactivity or interference between Myopalladin (MYPN) and analogues was observed.
Sequence Length	507
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.066ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Myopalladin (MYPN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Myopalladin (MYPN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYPN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myopalladin (MYPN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Myopalladin (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 Myopalladin (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 Myopalladin (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 #	13957727
NCBI GeneID	84665
Molecular Weight	56,185 Da
NCBI Official Full Name	myopalladin
NCBI Official Synonym Full Names	myopalladin
NCBI Official Symbol	MYPN
NCBI Official Synonym Symbols	MYOP; RCM4; CMH22; NEM11; 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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/myopalladin-mypn/187144>