

Human Myosin Heavy Chain 11, Smooth Muscle (MYH11) ELISA Kit | MYH11 elisa kit

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CATALOG #
AAA186276

REACTIVITY
Human

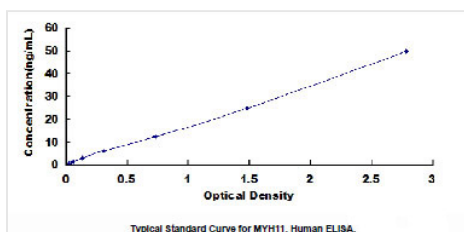
PRODUCT SYNONYMS

Myosin Heavy Chain 11; Smooth Muscle (MYH11); Human Myosin Heavy Chain 11; Smooth Muscle (MYH11) ELISA Kit; AAT4; FAA4; SMHC; SMMHC; Myosin heavy chain; smooth muscle isoform; MYH11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MYH11. No significant cross-reactivity or interference between MYH11 and analogues was observed.
Sequence Length	1,938
Samples	human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	<0.33ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MYH11 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 MYH11 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 MYH11 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MYH11 in human tissue homogenates, cell lysates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170026940
NCBI GeneID	4629
UniProt Accession #	P35749; O00396; O94944; P78422; Q3MIV8; Q3MNF0; Q3MNF1; D2JYH7
Molecular Weight	223,577 Da
NCBI Official Full Name	myosin heavy chain 11 smooth muscle isoform
NCBI Official Synonym Full Names	myosin heavy chain 11
NCBI Official Symbol	MYH11
NCBI Official Synonym Symbols	AAT4; FAA4; SMHC; SMMHC
NCBI Protein Information	myosin-11
UniProt Protein Name	Myosin-11
UniProt Gene Name	MYH11
UniProt Synonym Gene Names	KIAA0866

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/myosin-heavy-chain-11-smooth-muscle-myh11/186276>