

Human Myosin-11 ELISA Kit | MYH11 elisa kit

Human Myosin-11 ELISA Kit

CATALOG #
AAA98267

REACTIVITY
Human

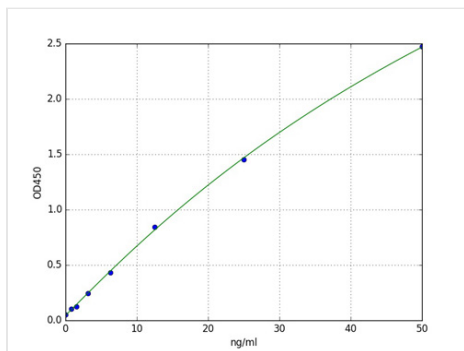
PRODUCT SYNONYMS

Myosin-11; Human Myosin-11 ELISA Kit; MYH11 (Myosin-11)/SMMHC/Myosin heavy chain 11/Myosin heavy chain; smooth muscle isoform; MYH11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1972
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MYH11 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.023	0.093	0.158	0.271	0.504	0.878	1.344	1.938

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYH11 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MYH11 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MYH11 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MYH11 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MYH11 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

241982718

NCBI GeneID	17880
NCBI Accession #	NP_001155247.1
NCBI GenBank Nucleotide #	NM_001161775.1
Molecular Weight	223,266 Da
NCBI Official Full Name	myosin-11 isoform 2
NCBI Official Synonym Full Names	myosin, heavy polypeptide 11, smooth muscle
NCBI Official Symbol	Myh11
NCBI Official Synonym Symbols	SM1; SM2; smMHC; AV071570
NCBI Protein Information	myosin-11
UniProt Protein Name	Myosin-11
UniProt Gene Name	Myh11
UniProt Entry Name	MYH11_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/myh11-human-elisa-kits/myosin-11/98267>