

Human Four And A Half LIM Domains Protein 1 (FHL1) ELISA Kit | FHL1 elisa kit

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CATALOG #
AAA136586

REACTIVITY
Human

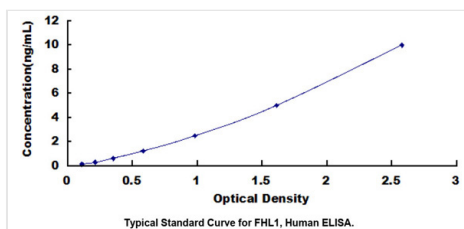
PRODUCT SYNONYMS

Four And A Half LIM Domains Protein 1 (FHL1); Human Four And A Half LIM Domains Protein 1 (FHL1) ELISA Kit; FHL1B; KYO-T; SLIM1; XMPMA; FLH1A; LIM Protein SLIMMER; Skeletal muscle LIM-protein 1; FHL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FHL1. No significant cross-reactivity or interference between FHL1 and analogues was observed.
Sequence Length	296
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FHL1 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 FHL1 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 FHL1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FHL1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FHL1. 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 FHL1, 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 FHL1 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 in vitro quantitative measurement of FHL1 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for FHL1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	76781465
NCBI GeneID	25177
NCBI Accession #	NP_001029098.1
NCBI GenBank Nucleotide #	NM_001033926.2
Molecular Weight	31,904 Da
NCBI Official Full Name	four and a half LIM domains protein 1 isoform 1
NCBI Official Synonym Full Names	four and a half LIM domains 1
NCBI Official Symbol	Fhl1
NCBI Official Synonym Symbols	SLIM1
NCBI Protein Information	four and a half LIM domains protein 1
UniProt Protein Name	Four and a half LIM domains protein 1
UniProt Gene Name	Fhl1
UniProt Synonym Gene Names	FHL-1
UniProt Entry Name	FHL1_RAT

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/four-and-a-half-lim-domains-protein-1-fhl1/136586>