

Human LIM and SH3 protein 1 ELISA Kit | LASP1 elisa kit

Human LIM and SH3 domain protein 1, LASP1 ELISA Kit

CATALOG #
AAA18081

REACTIVITY
Human

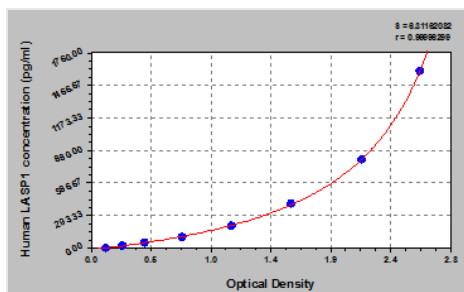
PRODUCT SYNONYMS

LIM and SH3 protein 1; Human LIM and SH3 domain protein 1; LASP1 ELISA Kit; Human LIM and SH3 domain protein 1 (LASP1) ELISA kit; Lasp-1; MLN50; ; LASP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LASP1. No significant cross-reactivity or interference between human LASP1 and analogues was observed.
Sequence Length	205
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	<6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LASP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LASP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LASP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LASP1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LASP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	410444379
NCBI GeneID	3927
NCBI Accession #	NP_001258537.1
NCBI GenBank Nucleotide #	NM_001271608.1
UniProt Accession #	Q14847; Q96ED2; Q96IG0; B4DGQ0
Molecular Weight	23,181 Da
NCBI Official Full Name	LIM and SH3 domain protein 1 isoform b
NCBI Official Synonym Full Names	LIM and SH3 protein 1
NCBI Official Symbol	LASP1
NCBI Official Synonym Symbols	MLN50; Lasp-1
NCBI Protein Information	LIM and SH3 domain protein 1; metastatic lymph node gene 50 protein
UniProt Protein Name	LIM and SH3 domain protein 1
UniProt Gene Name	LASP1
UniProt Synonym Gene Names	MLN50; LASP-1; MLN 50
UniProt Entry Name	LASP1_HUMAN

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.