

Human LSP1 (Lymphocyte-specific protein 1) ELISA Kit | LSP1 elisa kit

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CATALOG #
AAA249750

REACTIVITY
Human

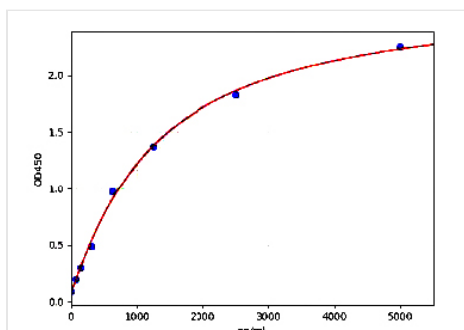
PRODUCT SYNONYMS

LSP1 (Lymphocyte-specific protein 1); Human LSP1 (Lymphocyte-specific protein 1) ELISA Kit; Lymphocyte-specific protein 1; 47 kDa actin-binding protein; 52 kDa phosphoprotein; pp52; Lymphocyte-specific antigen WP34; WP34; LSP1; LSP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LSP1. No significant cross-reactivity or interference between LSP1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for LSP1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742789
NCBI GeneID	4046
NCBI Accession #	NP_001013271.1
NCBI GenBank Nucleotide #	NM_001013253.1
UniProt Accession #	P33241; Q16096; Q53H48; Q6FHM3; Q9BUY8; B3KPP1; B3KRR6; E9PBV6; E9PFP3
Molecular Weight	37,192 Da
NCBI Official Full Name	lymphocyte-specific protein 1 isoform 2
NCBI Official Synonym Full Names	lymphocyte-specific protein 1
NCBI Official Symbol	LSP1
NCBI Official Synonym Symbols	WP34; pp52
NCBI Protein Information	lymphocyte-specific protein 1; 52 kDa phosphoprotein; 47 kDa actin binding protein; 47 kDa actin-binding protein; leukocyte-specific protein 1; lymphocyte-specific antigen WP34; leufactin (leukocyte F-actin binding protein); F-actin binding and cytoskelet
UniProt Protein Name	Lymphocyte-specific protein 1
UniProt Gene Name	LSP1
UniProt Synonym Gene Names	WP34; pp52
UniProt Entry Name	LSP1_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lsp1-lymphocyte-specific-protein-1/249750>