

Human LYVE-1 ELISA Kit | LYVE1 elisa kit

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CATALOG # AAA105558	REACTIVITY Human	APPLICATIONS ELISA
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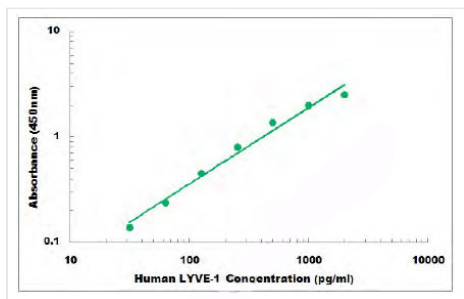
PRODUCT SYNONYMS

LYVE-1; Human LYVE-1 ELISA Kit; CRSBP1; HAR; XLKD1; Lymphatic vessel endothelial hyaluronic acid receptor 1; Cell surface retention sequence-binding protein 1; CRSBP-1; Extracellular link domain-containing protein 1; Hyaluronic acid receptor; LYVE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human LBP ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human LBP proteins within the range of 780 pg/ml-50,000 pg/ml.
Sequence Length	322
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	400 pg/ml.
Applicable Applications for LYVE1 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LYVE1 elisa kit	Principle of the Assay: The AAA Biotech' Human LBP ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human LBP in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human LBP coated on a 96-well plate. Standards and samples are pipetted into the wells and LBP present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human LBP antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of LBP bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!Background/Introduction: Lipopolysaccharide binding protein is a protein that in humans is encoded by the LBP gene. This gene is mapped to 20q11.23. LBP is a soluble acute-phase protein that binds to bacterial lipopolysaccharide(or LPS) to elicit immune responses by presenting the LPS to important cell surface pattern recognition receptors called CD14 and TLR4. It is present in the cerebrospinal fluid of patients with pneumococcal meningitis. The protein encoded by this gene is involved in the acute-phase immunologic response to gram-negative bacterial infections. LBP is made in the liver during the acute phase of infections and is thought to function as a carrier for LPS and to help control LPS-dependent monocyte responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40549451
NCBI GeneID	10894
NCBI Accession #	NP_006682.2
NCBI GenBank Nucleotide #	NM_006691.3
UniProt Accession #	Q9Y5Y7; Q8TC18; Q9UNF4
Molecular Weight	35,213 Da
NCBI Official Full Name	lymphatic vessel endothelial hyaluronic acid receptor 1
NCBI Official Synonym Full Names	lymphatic vessel endothelial hyaluronan receptor 1
NCBI Official Symbol	LYVE1
NCBI Official Synonym Symbols	HAR; XLKD1; LYVE-1; CRSBP-1
NCBI Protein Information	lymphatic vessel endothelial hyaluronic acid receptor 1; extracellular link domain containing 1; extracellular link domain-containing 1; extracellular link domain-containing protein 1; cell surface retention sequence binding protein-1; cell surface retention sequence-binding protein 1
UniProt Protein Name	Lymphatic vessel endothelial hyaluronic acid receptor 1
UniProt Gene Name	LYVE1
UniProt Synonym Gene Names	CRSBP1; HAR; XLKD1; LYVE-1; CRSBP-1
UniProt Entry Name	LYVE1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/lyve1-human-elisa-kits/lyve-1/105558>