

Human lymphatic vessel endothelial hyaluronan receptor 1 ELISA Kit | LYVE1 elisa kit

Human Lymphatic vessel endothelial hyaluronic acid receptor 1, LYVE1 ELISA Kit

CATALOG #
AAA112704

REACTIVITY
Human

PRODUCT SYNONYMS

lymphatic vessel endothelial hyaluronan receptor 1; Human Lymphatic vessel endothelial hyaluronic acid receptor 1; LYVE1 ELISA Kit; Human Lymphatic vessel endothelial hyaluronic acid receptor 1 (LYVE1) ELISA kit; CRSBP-1; HAR; LYVE-1; XLKD1; cell surface retention sequence binding protein-1; extracellular link domain containing 1; extracellular link domain-containing 1; hyaluronic acid receptor; LYVE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LYVE1. No significant cross-reactivity or interference between human LYVE1 and analogues was observed.
Sequence Length	322
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	19.5 pg/ml-1250 pg/ml
Sensitivity	4.88 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 LYVE1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LYVE1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LYVE1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LYVE1 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 LYVE1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; UNQ230/PRO263; 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.

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Online datasheet: <https://stage.aaabiotech.com/lyve1-human-elisa-kits/lymphatic-vessel-endothelial-hyaluronan-receptor-1/112704>