

Human Visinin like protein 1 (VSNL1) ELISA Kit | VSNL1 elisa kit

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CATALOG #
AAA245492

REACTIVITY
Human

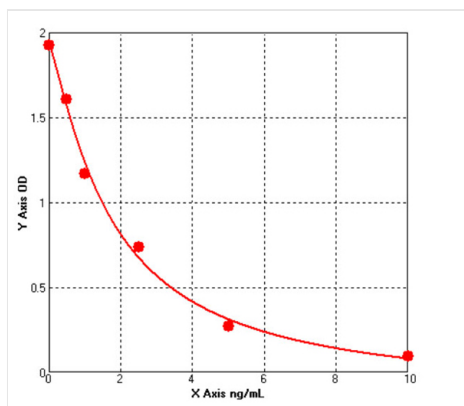
PRODUCT SYNONYMS

Visinin like protein 1 (VSNL1); Human Visinin like protein 1 (VSNL1) ELISA Kit; VSNL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of VSNL1. No significant cross-reactivity or interference between VSNL1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between VSNL1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VSNL1 elisa kit	Principle of the Assay: VSNL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-VSNL1 antibody and an VSNL1-HRP conjugate. The assay sample and buffer are incubated together with VSNL1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VSNL1 concentration since VSNL1 from samples and VSNL1-HRP conjugate compete for the anti-VSNL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by VSNL1 from the sample, fewer sites are left to bind VSNL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VSNL1 concentration in each sample is interpolated from this standard curve. Intended Uses: This VSNL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VSNL1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for VSNL1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361559
NCBI GeneID	7447
NCBI Accession #	NP_003376.2
NCBI GenBank Nucleotide #	NM_003385.4
Molecular Weight	22,142 Da
NCBI Official Full Name	visinin-like protein 1
NCBI Official Synonym Full Names	visinin-like 1
NCBI Official Symbol	VSNL1
NCBI Official Synonym Symbols	HLP3; VILIP; HPCAL3; HUVISL1; VILIP-1
NCBI Protein Information	visinin-like protein 1; VLP-1; hippocalcin-like protein 3
UniProt Protein Name	Visinin-like protein 1
UniProt Gene Name	VSNL1
UniProt Synonym Gene Names	VISL1; VILIP; VLP-1; HLP3
UniProt Entry Name	VISL1_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/visinin-like-protein-1-vsln1/245492>