

Human Visinin Like Protein 1 (VSNL1) ELISA Kit | VSNL1 elisa kit

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CATALOG #
AAA64198

REACTIVITY
Human

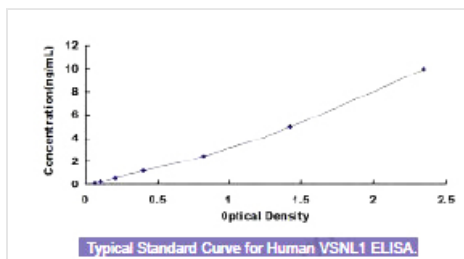
PRODUCT SYNONYMS

Visinin Like Protein 1 (VSNL1); Human Visinin Like Protein 1 (VSNL1) ELISA Kit; HLP3; VISL1; HPCAL3; HUVISL1; VILIP; VILIP-1; VLP-1; Hippocalcin Like Protein 3; 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.
Sequence Length	193
Samples	Tissue homogenates, cerebrospinal fluid and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VSNL1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level VSNL1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VSNL1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VSNL1 in human tissue homogenates, cerebrospinal fluid and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VSNL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VSNL1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain VSNL1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of VSNL1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	385298701
NCBI GeneID	3241
NCBI Accession #	NP_001245286.1
NCBI GenBank Nucleotide #	NM_001258357.1
UniProt Accession #	P37235; Q969S5
Molecular Weight	22,313 Da
NCBI Official Full Name	hippocalcin-like protein 1
NCBI Official Synonym Full Names	hippocalcin like 1
NCBI Official Symbol	HPCAL1
NCBI Official Synonym Symbols	BDR1; HLP2; VILIP-3
NCBI Protein Information	hippocalcin-like protein 1
UniProt Protein Name	Hippocalcin-like protein 1
UniProt Gene Name	HPCAL1
UniProt Synonym Gene Names	BDR1; VILIP-3

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.