

Human V-Set And Immunoglobulin Domain Containing Protein 2 (VSIG2) ELISA Kit | VSIG2 elisa kit

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CATALOG # AAA64115	REACTIVITY Human
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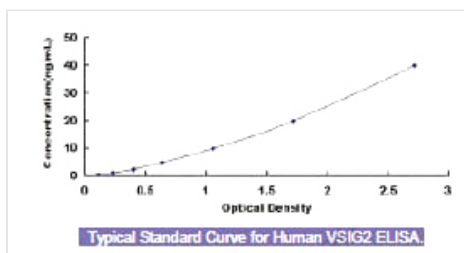
PRODUCT SYNONYMS

V-Set And Immunoglobulin Domain Containing Protein 2 (VSIG2); Human V-Set And Immunoglobulin Domain Containing Protein 2 (VSIG2) ELISA Kit; CTXL; CTH; Cortical thymocyte-like protein; VSIG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of VSIG2. No significant cross-reactivity or interference between VSIG2 and analogues was observed.
Sequence Length	284
Samples	Tissue homogenates and other biological fluids.
Assay Type	Competitive inhibition
Detection Range	0.625-40ng/mL
Sensitivity	0.152ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VSIG2 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 VSIG2 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 VSIG2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VSIG2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VSIG2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VSIG2. 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 VSIG2, 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 VSIG2 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 #	1050112776
NCBI GeneID	23584
NCBI Accession #	NP_001316849.1
NCBI GenBank Nucleotide #	NM_001329920.1
UniProt Accession #	Q96IQ7; O95791; Q9NX42
Molecular Weight	29,829 Da
NCBI Official Full Name	V-set and immunoglobulin domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	V-set and immunoglobulin domain containing 2
NCBI Official Symbol	VSIG2
NCBI Official Synonym Symbols	CTH; CTXL; 2210413P10Rik
NCBI Protein Information	V-set and immunoglobulin domain-containing protein 2
UniProt Protein Name	V-set and immunoglobulin domain-containing protein 2
UniProt Gene Name	VSIG2
UniProt Synonym Gene Names	CTH; CTXL; CT-like protein

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://stage.aaabiotech.com/human-elisa-kits/v-set-and-immunoglobulin-domain-containing-protein-2-vsigt2/64115>