

Human Vitelline Membrane Outer Layer Protein 1 Homolog (VMO1) ELISA Kit | VMO1 elisa kit

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CATALOG # AAA219690	REACTIVITY Human
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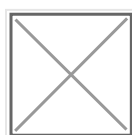
PRODUCT SYNONYMS

Vitelline Membrane Outer Layer Protein 1 Homolog (VMO1); Human Vitelline Membrane Outer Layer Protein 1 Homolog(VMO1) ELISA Kit; VMO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of VLDL. No significant cross-reactivity or interference between VLDL and analogues was observed.
Purity/Purification	Affinity Purification
Sequence Length	114
Samples	Mouse Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	18.7-1200ng/mL
Sensitivity	7.7ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VLDL 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 VLDL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C or -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VMO1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of VLDL in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VLDL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VLDL. 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 VLDL, 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 VLDL 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 #	222144303
NCBI GeneID	284013
NCBI Accession #	NP_001138411.1
NCBI GenBank Nucleotide #	NM_001144939.1
UniProt Accession #	Q7Z5L0; Q3SXP1; Q8IU1; C9JQ15; E9PAU9; E9PGP4
Molecular Weight	7,524 Da
NCBI Official Full Name	vitelline membrane outer layer protein 1 homolog isoform 2
NCBI Official Synonym Full Names	vitelline membrane outer layer 1 homolog
NCBI Official Symbol	VMO1
NCBI Official Synonym Symbols	ERGA6350; PRO21055
NCBI Protein Information	vitelline membrane outer layer protein 1 homolog
UniProt Protein Name	Vitelline membrane outer layer protein 1 homolog
UniProt Gene Name	VMO1

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/vitelline-membrane-outer-layer-protein-1-homolog-vmo1/219690>