

Human Plasmalemma Vesicle Associated Protein (PLVAP) ELISA Kit | PLVAP elisa kit

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CATALOG #
AAA139829

REACTIVITY
Human

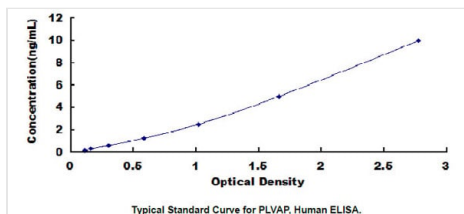
PRODUCT SYNONYMS

Plasmalemma Vesicle Associated Protein (PLVAP); Human Plasmalemma Vesicle Associated Protein (PLVAP) ELISA Kit; FELS; PV-1; PV1; gp68; Fenestrated-Endothelial Linked Structure Protein; Plasmalemma vesicle protein 1; PLVAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLVAP. No significant cross-reactivity or interference between PLVAP and analogues was observed.
Sequence Length	442
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PLVAP 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 PLVAP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLVAP elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to PLVAP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to PLVAP. 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 PLVAP, 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 PLVAP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for PLVAP elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	13775238
NCBI GeneID	83483
NCBI Accession #	NP_112600.1
NCBI GenBank Nucleotide #	NM_031310.2
UniProt Accession #	Q9BX97; Q86VP0; Q8N8Y0; Q8ND68; Q8TER8; Q9BZD5
Molecular Weight	50,594 Da
NCBI Official Full Name	plasmalemma vesicle-associated protein
NCBI Official Synonym Full Names	plasmalemma vesicle associated protein
NCBI Official Symbol	PLVAP
NCBI Official Synonym Symbols	PV1; FELS; PV-1; gp68
NCBI Protein Information	plasmalemma vesicle-associated protein
UniProt Protein Name	Plasmalemma vesicle-associated protein
UniProt Gene Name	PLVAP
UniProt Synonym Gene Names	FELS; PV1; PV-1
UniProt Entry Name	PLVAP_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/plasmalemma-vesicle-associated-protein-plvap/139829>