

Human Vasodilator-Stimulated Phosphoprotein (VASP) ELISA Kit | VASP elisa kit

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CATALOG #
AAA330296

REACTIVITY
Human

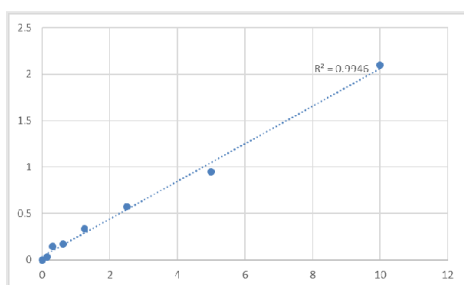
PRODUCT SYNONYMS

Vasodilator-Stimulated Phosphoprotein (VASP); Human Vasodilator-Stimulated Phosphoprotein (VASP) ELISA Kit; VASP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Vasodilator-stimulated phosphoprotein (VASP) ELISA Kit has high sensitivity and excellent specificity for detection of Human VASP. No significant cross-reactivity or interference between Human VASP and analogues was observed.
Sequence Length	380
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Vasodilator-stimulated phosphoprotein (VASP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VASP elisa kit	Description: This Human Vasodilator-stimulated phosphoprotein (VASP) ELISA Kit employs a two-site sandwich ELISA to quantitate VASP in samples. An antibody specific for VASP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VASP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VASP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VASP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Synaptic vesicles are responsible for regulating the storage and release of neurotransmitters in the nerve terminal. Northern blot analysis revealed that a 5.8-kb transcript is expressed in electromotor neurons. Western blot analysis determined expression of a 42-kD protein in the electric organ that copurified with synaptic vesicles. Smith et al. (1996) identified the sequence of 2 complete genes within 117 kb of DNA containing the BRCA1 gene: RHO7 and VAT1, an abundant membrane protein of cholinergic synaptic vesicles. The coding sequence of VAT1 predicts a 301-amino acid peptide. The authors found that a CpG island precedes the VAT1 gene, which contains 6 exons spanning 8.1 kb. They determined the following order of genes in this region: cen--IFP35--VAT1--RHO7--BRCA1--1A1-3B--tel.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507869
NCBI GeneID	7408
NCBI Accession #	NP_003361.1
NCBI GenBank Nucleotide #	NP_003361.1
UniProt Accession #	P50552
NCBI Official Full Name	vasodilator-stimulated phosphoprotein
NCBI Official Synonym Full Names	vasodilator stimulated phosphoprotein
NCBI Official Symbol	VASP
NCBI Protein Information	vasodilator-stimulated phosphoprotein
UniProt Protein Name	Vasodilator-stimulated phosphoprotein
UniProt Gene Name	VASP
UniProt Synonym Gene Names	VASP
UniProt Entry Name	VASP_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/vasodilator-stimulated-phosphoprotein-vasp/330296>