

Human Vasorin (VASN) ELISA Kit | VASN elisa kit

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CATALOG #
AAA330297

REACTIVITY
Human

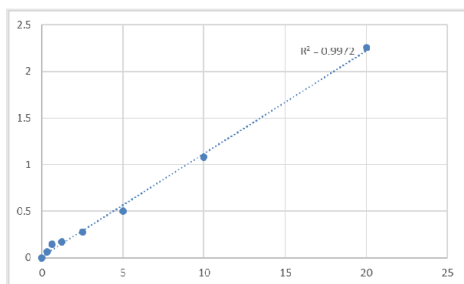
PRODUCT SYNONYMS

Vasorin (VASN); Human Vasorin (VASN) ELISA Kit; VASN; SLITL2; slit-like 2; VASN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Vasorin (VASN) ELISA Kit has high sensitivity and excellent specificity for detection of Human VASN. No significant cross-reactivity or interference between Human VASN and analogues was observed.
Sequence Length	673
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 Vasorin (VASN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VASN elisa kit	Description: This Human Vasorin (VASN) ELISA Kit employs a two-site sandwich ELISA to quantitate VASN in samples. An antibody specific for VASN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VASN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VASN 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 VASN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 673-amino acid protein contains a putative hydrophobic signal sequence, 10 tandem arrays of a leucine-rich repeat, an epidermal growth factor-like domain, a fibronectin type III-like domain, and a short intracellular region. In situ hybridization detected mouse vasorin in the tunica media of the proximal ascending aorta, descending thoracic aorta, abdominal aorta, and coronary arteries. In mouse kidney, vasorin was expressed in interstitial cells. expression of vasorin in aortas increased gradually in parallel with the differentiation of vascular smooth muscle cells beginning at embryonic day 10.5. Vasorin expressed by transfected Chinese hamster ovary cells showed an apparent molecular mass of 110 kD, which shifted following N-glycosidase treatment. Vasorin was expressed on the cell surface and was secreted into the culture medium.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88702793
NCBI GeneID	114990
NCBI Accession #	NP_612449.2
NCBI GenBank Nucleotide #	NP_612449.2
UniProt Accession #	Q6EMK4
NCBI Official Full Name	vasorin
NCBI Official Synonym Full Names	vasorin
NCBI Official Symbol	VASN
NCBI Official Synonym Symbols	SLITL2
NCBI Protein Information	vasorin
UniProt Protein Name	Vasorin
UniProt Gene Name	VASN
UniProt Synonym Gene Names	SLITL2

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.