

Human Vasohibin-1 (VASH1) ELISA Kit | VASH1 elisa kit

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CATALOG #
AAA330298

REACTIVITY
Human

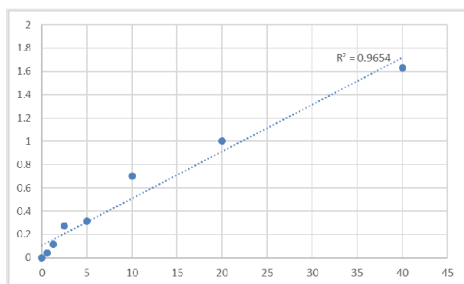
PRODUCT SYNONYMS

Vasohibin-1 (VASH1); Human Vasohibin-1 (VASH1) ELISA Kit; VASH1; KIAA1036; VASH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Vasohibin-1 (VASH1) ELISA Kit has high sensitivity and excellent specificity for detection of Human VASH1. No significant cross-reactivity or interference between Human VASH1 and analogues was observed.
Sequence Length	365
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 Vasohibin-1 (VASH1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VASH1 elisa kit	Description: This Human Vasohibin-1 (VASH1) ELISA Kit employs a two-site sandwich ELISA to quantitate VASH1 in samples. An antibody specific for VASH1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VASH1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VASH1 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 VASH1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Vasohibin protein contains a cluster of basic amino acids in its C terminus and no classic secretion signal sequence. Vasohibin expression was robust between embryonic weeks 6 to 12 in heart, brain, kidney, lung, skeletal muscle, and whole embryo. Immunohistochemical analysis detected vasohibin at the endothelial layer of placenta and brain. The deduced protein contains 365 amino acids. RT-PCR ELISA detected intermediate expression in adult heart, brain, lung, liver, kidney, ovary, and spinal cord, as well as in fetal brain. Lower expression was detected in skeletal muscle, testis, pancreas, and fetal liver, and little to no expression was detected in spleen. All specific adult brain regions examined showed low to moderate expression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7662454
NCBI GeneID	22846
NCBI Accession #	NP_055724.1
NCBI GenBank Nucleotide #	NP_055724.1
UniProt Accession #	Q7L8A9
NCBI Official Full Name	tubulinyI-Tyr carboxypeptidase 1
NCBI Official Synonym Full Names	vasohibin 1
NCBI Official Symbol	VASH1
NCBI Official Synonym Symbols	TTCP 1; KIAA1036
NCBI Protein Information	tubulinyI-Tyr carboxypeptidase 1; vasohibin-1
UniProt Protein Name	Vasohibin-1
UniProt Gene Name	VASH1
UniProt Synonym Gene Names	KIAA1036; VASH
UniProt Entry Name	VASH1_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.