

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

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CATALOG #
AAA332048

REACTIVITY
Mouse

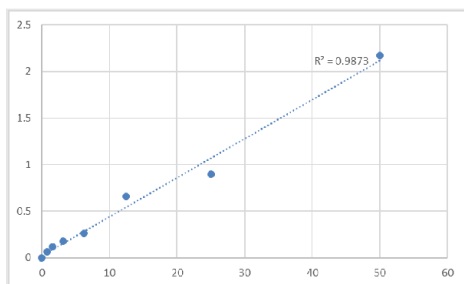
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Vasohibin-1 (VASH1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse VASH1. No significant cross-reactivity or interference between Mouse VASH1 and analogues was observed.
Sequence Length	375
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. Mouse Vasohibin-1 (VASH1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VASH1 elisa kit	Description: This Mouse 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: VASH2 deduced 355-amino acid protein shares 52.5% amino acid identity with VASH1 and 97.5% amino acid identity with mouse Vash2. VASH2 expression at embryonic weeks 6 to 12 in human heart, brain, kidney, lung, muscle, and whole embryo. RT-PCR analysis detected low levels of VASH2 expression in HUVECs and aortic endothelial cells. VASH2 expression in cell lines was not inducible by VEGF, FGF2, or PMA, all of which can induce VASH1 expression. However, in an in vivo mouse model, Vash2 was induced in embryonic brain transfected with VEGF. Immunohistochemistry showed that VASH2 and VASH1 were present in vessels from 20-week human embryonic lung. VASH2 has antiangiogenic activity. In addition, VASH2 inhibited network formation by HUVECs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	210031395
NCBI GeneID	238328
NCBI Accession #	NP_796328.2
NCBI GenBank Nucleotide #	NP_796328.2
UniProt Accession #	Q8C1W1
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; AI834978; D930046M13Rik; G630009D10Rik
NCBI Protein Information	tubulinyI-Tyr carboxypeptidase 1; vasohibin-1
UniProt Protein Name	Vasohibin-1
UniProt Gene Name	Vash1
UniProt Synonym Gene Names	Vash
UniProt Entry Name	VASH1_MOUSE

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/mouse-elisa-kits/vasohibin-1-vash1/332048>