

Mouse Von Willebrand Factor A Domain-Containing Protein 1 (VWA1) ELISA Kit | VWA1 elisa kit

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CATALOG # AAA332034	REACTIVITY Mouse
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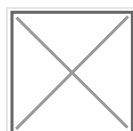
PRODUCT SYNONYMS

Von Willebrand Factor A Domain-Containing Protein 1 (VWA1); Mouse Von Willebrand Factor A Domain-Containing Protein 1 (VWA1) ELISA Kit; VWA1; DKFZp761O051; FLJ22215; WARP; von Willebrand factor A domain-related protein; VWA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Von Willebrand factor A domain-containing protein 1 (VWA1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse VWA1. No significant cross-reactivity or interference between Mouse VWA1 and analogues was observed.
Sequence Length	415
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 Von Willebrand factor A domain-containing protein 1 (VWA1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VWA1 elisa kit	Description: This Mouse Von Willebrand factor A domain-containing protein 1 (VWA1) ELISA Kit employs a two-site sandwich ELISA to quantitate VWA1 in samples. An antibody specific for VWA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VWA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VWA1 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 VWA1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 418-amino acid human protein contains a signal sequence, followed by a VA domain, 2 fibronectin type III (F3) repeats, and a short pro/arg-rich C terminus. The VA domain has a putative metal ion-dependent adhesion site (MIDAS) motif and 2 potential O-linked glycosylation sites, and each F3 domain has a putative N-glycosylation site. Human WARP shares 79% amino acid identity with mouse Warp. RT-PCR of mRNA from various mouse tissues and cell lines detected Warp expression only in chondrocytes. Northern blot analysis confirmed expression of Warp in chondrocytes isolated from newborn mouse rib cartilage. Western blot analysis of transfected human embryonic kidney cells detected a 48-kD protein in both cell layer and media fractions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	240255600
NCBI GeneID	246228
NCBI Accession #	NP_680085.3
NCBI GenBank Nucleotide #	NP_680085.3
UniProt Accession #	Q8R2Z5
NCBI Official Full Name	von Willebrand factor A domain-containing protein 1
NCBI Official Synonym Full Names	von Willebrand factor A domain containing 1
NCBI Official Symbol	Vwa1
NCBI Official Synonym Symbols	WARP; 4932416A11Rik
NCBI Protein Information	von Willebrand factor A domain-containing protein 1
UniProt Protein Name	von Willebrand factor A domain-containing protein 1
UniProt Gene Name	Vwa1
UniProt Synonym Gene Names	Warp

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/von-willebrand-factor-a-domain-containing-protein-1-vwa1/332034>