

Mouse Von Willebrand Factor A Domain Containing Protein 1 (vWA1) ELISA Kit | vWA1 elisa kit

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CATALOG # AAA66037	REACTIVITY Mouse
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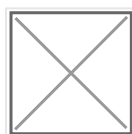
PRODUCT SYNONYMS

Von Willebrand Factor A Domain Containing Protein 1 (vWA1); Mouse Von Willebrand Factor A Domain Containing Protein 1 (vWA1) ELISA Kit; VWFA1; WARP; vWA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of vWA1. No significant cross-reactivity or interference between vWA1 and analogues was observed.
Sequence Length	415
Samples	Plasma.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	12.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level vWA1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level vWA1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for vWA1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of vWA1 in mouse plasma. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to vWA1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to vWA1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain vWA1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of vWA1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	240255600
NCBI GeneID	246228
NCBI Accession #	NP_680085.3
NCBI GenBank Nucleotide #	NM_147776.4
UniProt Accession #	Q8R2Z5; Q8C0Q7; Q8VDV9; Q923K3
Molecular Weight	22,068 Da
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-vwa1/66037>