

Human Von Willebrand Factor A Domain Containing Protein 3A (vWA3A) ELISA Kit | vWA3A elisa kit

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CATALOG # AAA67371	REACTIVITY Human
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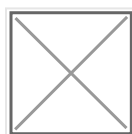
PRODUCT SYNONYMS

Von Willebrand Factor A Domain Containing Protein 3A (vWA3A); Human Von Willebrand Factor A Domain Containing Protein 3A (vWA3A) ELISA Kit; WBS WS SVAS Tropoelastin Supraaortic Stenosis Williams-Beuren Syndrome; vWA3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of vWA3A. No significant cross-reactivity or interference between vWA3A and analogues was observed.
Sequence Length	1184
Samples	Plasma.
Assay Type	Sandwich
Detection Range	0.468-30ng/mL
Sensitivity	0.15ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level vWA3A 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 vWA3A 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 vWA3A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of vWA3A in human plasma. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to vWA3A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to vWA3A. 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 vWA3A, 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 vWA3A 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 #	218505703
NCBI GeneID	146177
NCBI Accession #	NP_775886.3
NCBI GenBank Nucleotide #	NM_173615.4
UniProt Accession #	A6NCI4; Q6UTX4; Q6ZQZ9; Q8IUUY6; Q8N9W1; A4QMU8; A6NNC0
Molecular Weight	32,582 Da
NCBI Official Full Name	von Willebrand factor A domain-containing protein 3A
NCBI Official Synonym Full Names	von Willebrand factor A domain containing 3A
NCBI Official Symbol	VWA3A
NCBI Protein Information	von Willebrand factor A domain-containing protein 3A
UniProt Protein Name	von Willebrand factor A domain-containing protein 3A
UniProt Gene Name	VWA3A

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.