Mouse Von Willebrand Factor (vWF) ELISA Kit | vWF elisa kit

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CATALOG #	REACTIVITY
AAA188135	**Mouse**

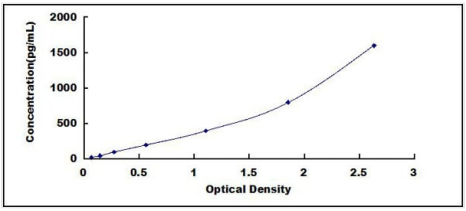
PRODUCT SYNONYMS

Von Willebrand Factor (vWF); Mouse Von Willebrand Factor (vWF) ELISA Kit; F8VWF; VWD; von Willebrand antigen 2; vWF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Von Willebrand Factor (vWF). No significant cross-reactivity or interference between Von Willebrand Factor (vWF) and analogues was observed.
Sequence Length	2813
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	25-1,600pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 11pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Von Willebrand Factor (vWF) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Von Willebrand Factor (vWF) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for vWF elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Von Willebrand Factor (vWF). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Von Willebrand Factor (vWF). 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 Von Willebrand Factor (vWF), 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 Von Willebrand Factor (vWF) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115511022
NCBI GeneID	22371
NCBI Accession #	NP_035838.3
NCBI GenBank Nucleotide #	NP_035838.3
UniProt Accession #	Q8CIZ8
NCBI Official Full Name	von Willebrand factor
NCBI Official Synonym Full Names	Von Willebrand factor
NCBI Official Symbol	Vwf
NCBI Official Synonym Symbols	VWD; F8VWF; AI551257; C630030D09; 6820430P06Rik; B130011O06Rik
NCBI Protein Information	von Willebrand factor
UniProt Protein Name	von Willebrand factor
UniProt Gene Name	**Vwf**
UniProt Synonym Gene Names	vWF
UniProt Entry Name	VWF_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://www.aaabiotech.com/mouse-elisa-kits/von-willebrand-factor-vwf/188135