

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

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CATALOG #
AAA66192

REACTIVITY
Rat

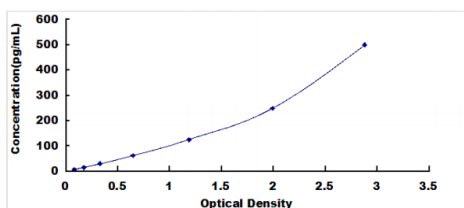
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of VWF. No significant cross-reactivity or interference between VWF and analogues was observed.
Sequence Length	430
Samples	Plasma.
Assay Type	Competitive inhibition
Detection Range	15.625-1000ng/mL
Sensitivity	6.6ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VWF 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 VWF 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 vWF elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of VWF in rat plasma Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to VWF has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled VWF and unlabeled VWF (Standards or samples) with the pre-coated antibody specific to VWF. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of VWF in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of VWF in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56404678
NCBI GeneID	116669
UniProt Accession #	Q62935; Q78E31; Q9Z0P2
Molecular Weight	48,139 Da
NCBI Official Full Name	von Willebrand factor
NCBI Official Synonym Full Names	von Willebrand factor
NCBI Official Symbol	Vwf
NCBI Protein Information	von Willebrand factor
UniProt Protein Name	von Willebrand factor
UniProt Gene Name	Vwf
UniProt Synonym Gene Names	vWF

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/rat-elisa-kits/von-willebrand-factor-vwf/66192>