

Monkey Von Willebrand Factor cleaving protease ELISA Kit | ADAMTS13/vWF-cp elisa kit

Monkey Von Willebrand Factor cleaving protease ELISA Kit

CATALOG # AAA88813	REACTIVITY Monkey
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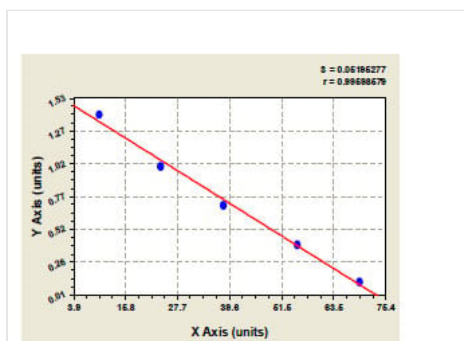
PRODUCT SYNONYMS

Von Willebrand Factor cleaving protease; Monkey Von Willebrand Factor cleaving protease ELISA Kit; ADAMTS13/vWF-cp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS13/vWF-cp elisa kit	Intended Uses This VWF-cp ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey VWF-cp. This ELISA kit for research use only! Principle of the Assay: VWF-cp ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-VWF-cp antibody and an VWF-cp-HRP conjugate. The assay sample and buffer are incubated together with VWF-cp-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VWF-cp concentration since VWF-cp from samples and VWF-cp-HRP conjugate compete for the anti-VWF-cp antibody binding site. Since the number of sites is limited, as more sites are occupied by VWF-cp from the sample, fewer sites are left to bind VWF-cp-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VWF-cp concentration in each sample is interpolated from this standard curve.
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Product Categories/Family for
ADAMTS13/vWF-cp elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	73695936
NCBI GeneID	11093
NCBI Accession #	NP_620596.2
NCBI GenBank Nucleotide #	NM_139027.4
Molecular Weight	39,864 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 13 isoform 2 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif, 13
NCBI Official Symbol	ADAMTS13
NCBI Official Synonym Symbols	VWFCP; C9orf8; vWF-CP; ADAM-TS13; ADAMTS-13
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 13; vWF-cleaving protease; von Willebrand factor-cleaving protease; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 13
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 13
UniProt Gene Name	ADAMTS13
UniProt Synonym Gene Names	C9orf8; UNQ6102/PRO20085; ADAM-TS 13; ADAM-TS13; ADAMTS-13; vWF-CP; vWF-cleaving protease
UniProt Entry Name	ATS13_HUMAN

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/adamts13-vwf-cp-monkey-elisa-kits/von-willebrand-factor-cleaving-protease/88813>