

Human ADAM metallopeptidase with thrombospondin type 1 motif, 13 ELISA Kit | ADAMTS13 elisa kit

Human von Willebrand Factor cleaving protease, ADAMTS-13/vWF-cp ELISA Kit

CATALOG #
AAA80811

REACTIVITY
Human

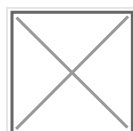
PRODUCT SYNONYMS

ADAM metallopeptidase with thrombospondin type 1 motif, 13; Human von Willebrand Factor cleaving protease; ADAMTS-13/vWF-cp ELISA Kit; C9orf8; DKFZp434C2322; FLJ42993; MGC118899; MGC118900; TTP; VWFCP; vWF-CP; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif; vWF-cleaving protease; von Wil; ADAMTS13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ADAMTS-13/vWF-cp. No significant cross-reactivity or interference between human ADAMTS-13/vWF-cp and analogues was observed.
Sequence Length	1426
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, urine, cell culture supernates
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS13 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADAMTS-13/vWF-cp has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMTS-13/vWF-cp present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTS-13/vWF-cp is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAMTS-13/vWF-cp bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47604978
NCBI GeneID	279028
NCBI Accession #	NP_001001322.1
NCBI GenBank Nucleotide #	NM_001001322.2
UniProt Accession #	Q769J6; Q76LW1; A2ALB4
Molecular Weight	155,357 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 13 isoform 1
NCBI Official Synonym Full Names	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 13
NCBI Official Symbol	Adamts13
NCBI Official Synonym Symbols	Gm710; 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; vWF-CP mRNA for von Willebrand factor-cleaving; 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	Gm710; ADAM-TS 13; ADAM-TS13; ADAMTS-13; vWF-CP; vWF-cleaving protease
UniProt Entry Name	ATS13_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://stage.aaabiotech.com/adamts13-human-elisa-kits/adam-metallopeptidase-with-thrombospondin-type-1-motif-13/80811>