

Mouse ADAM metalloproteinase with thrombospondin type 1 motif, 13 ELISA Kit | ADAMTS13 elisa kit

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CATALOG #

AAA18019

REACTIVITY

Mouse

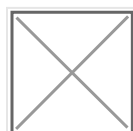
PRODUCT SYNONYMS

ADAM metalloproteinase with thrombospondin type 1 motif, 13; Mouse ADAM metalloproteinase with thrombospondin type 1 motif; ADAMTS13 ELISA Kit; 13 (ADAMTS13) 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ADAMTS13. No significant cross-reactivity or interference between mouse ADAMTS13 and analogues was observed.
Sequence Length	1426
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	< 19.5 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 ADAMTS13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMTS13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTS13 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 ADAMTS13 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-mouse-elisa-kits/adam-metallopeptidase-with-thrombospondin-type-1-motif-13/18019>