

Human A disintegrin and metalloproteinase with thrombospondin motifs 1 ELISA Kit | ADAMTS1 elisa kit

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CATALOG #
AAA193354

REACTIVITY
Human

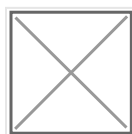
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 1; Human A disintegrin and metalloproteinase with thrombospondin motifs 1 ELISA Kit; ADAM-TS 1; ADAM-TS1; ADAMTS-1; METH-1; ADAMTS1; KIAA1346; METH1; ADAMTS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ADAM-TS 1. No significant cross-reactivity or interference was observed.
Sequence Length	967
Assay Type	Sandwich
Detection Range	1.56-100 ng/mL
Sensitivity	10pg/mL
Intra-Assay CV	<=5.0%
Inter-Assay CV	<=8.6%
Recovery	89%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS1 elisa kit

Intended Uses||This immunoassay kit allows for the in vitro quantitative determination of human a disintegrin and metalloproteinase with thrombospondin motifs 1,ADAM-TS 1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADAM-TS 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ADAM-TS 1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ADAM-TS 1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ADAM-TS 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845384
NCBI GeneID	9510
NCBI Accession #	NP_008919.3
NCBI GenBank Nucleotide #	NM_006988.4
UniProt Accession #	Q9UHI8; Q9NSJ8; Q9P2K0; Q9UH83; Q9UP80; D3DSD5
Molecular Weight	105,358 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 1
NCBI Official Symbol	ADAMTS1
NCBI Official Synonym Symbols	C3-C5; METH1
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 1
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 1
UniProt Gene Name	ADAMTS1
UniProt Synonym Gene Names	KIAA1346; METH1; ADAM-TS 1; ADAM-TS1; ADAMTS-1
UniProt Entry Name	ATS1_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/adamts1-human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-1/193354>