

Human ADAM metallopeptidase with thrombospondin type 1 motif, 1 ELISA Kit | ADAMTS1 elisa kit

Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 1, ADAMTS1 ELISA Kit

CATALOG # AAA15760	REACTIVITY Human
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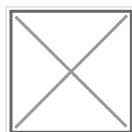
PRODUCT SYNONYMS

ADAM metallopeptidase with thrombospondin type 1 motif; 1; Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 1; ADAMTS1 ELISA Kit; Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 1 (ADAMTS1) ELISA kit; C3-C5; KIAA1346; METH1; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif; human metalloproteinase with thrombospondin type 1 motifs; ADAMTS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ADAMTS1. No significant cross-reactivity or interference between Human ADAMTS1 and analogues was observed.
Sequence Length	967
Samples	Serum, plasma, tissue homogenates and urine
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 ADAMTS1 elisa kit	For Sample For the quantitative determination of human A disintegrin and metalloproteinase with thrombospondin motifs 1 (ADAMTS1) concentrations in serum, plasma, tissue homogenates and urine. PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADAMTS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMTS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTS1 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 ADAMTS1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50845384
NCBI GeneID	9510
NCBI Accession #	NP_008919.3
NCBI GenBank Nucleotide #	NM_006988.3
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 metallopeptidase 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; METH-1; ADAM-TS1; ADAMTS-1; ADAM-TS 1; human metalloproteinase with thrombospondin type 1 motifs; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adamts1-human-elisa-kits/adam-metallopeptidase-with-thrombospondin-type-1-motif-1/15760>