

Human ADAMTS1 ELISA Kit | ADAMTS1 elisa kit

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CATALOG # AAA261787	REACTIVITY Human	APPLICATIONS ELISA
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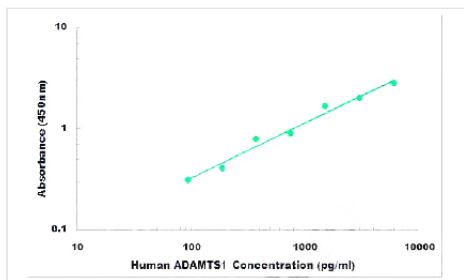
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human ADAMTS1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human ADAMTS1 proteins within the range of 93.7 pg/ml - 6000 pg/ml.
Sequence Length	967
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	<10 pg/ml
Applicable Applications for ADAMTS1 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS1 elisa kit	Principle of the Assay: The AAA Biotech' Human ADAMTS1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human ADAMTS1 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human ADAMTS1 coated on a 96-well plate. Standards and samples are pipetted into the wells and ADAMTS1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human ADAMTS1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of ADAMTS1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.!!Background/Introduction: ADAMTS1 (A Disintegrin-Like and Metalloproteinase with Thrombospondin Type 1 Motif), also known as METH1, is an enzyme that in humans is encoded by the ADAMTS1 gene. ADAMTS is a family of proteins believed to be anchored to the extracellular matrix (ECM) through interactions with aggrecan or other matrix components by one or more thrombospondin type 1 motifs. ADAMTS1 gene is mapped to 21q21.2 based on sequence similarity between the ADAMTS1 sequence and a chromosome 21q21.2 clone. It has been found that ADAMTS1 can disrupt angiogenesis in vivo and in vitro more efficiently than ADAMTS8, THBS1, or endostatin. What's more, ADAMTS1 disrupts angiogenesis in vivo and in vitro more efficiently than ADAMTS8, THBS1, or endostatin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124053460
NCBI GeneID	9510
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
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
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/human-elisa-kits/adamts1/261787>