

Human A disintegrin and metalloproteinase with thrombospondin motifs 18 ELISA Kit | ADAMTS18 elisa kit

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CATALOG # AAA101587	REACTIVITY Human
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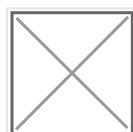
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 18; Human A disintegrin and metalloproteinase with thrombospondin motifs 18 ELISA Kit; ADAMTS18/ADAM-TS 18/ADAM-TS18/ADAMTS-18/ADAMTS18/ADAMTS21/3.4.24.-; ADAMTS18 elisa kit

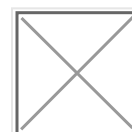
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1221
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS18 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ADAMTS18 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ADAMTS18 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ADAMTS18 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ADAMTS18 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40806187
NCBI GeneID	170692
NCBI Accession #	NP_955387.1

NCBI GenBank Nucleotide #	NM_199355.2
Molecular Weight	119,768 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 18 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 18
NCBI Official Symbol	ADAMTS18
NCBI Official Synonym Symbols	KNO2; MMCAT; ADAMTS21
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 18
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 18
UniProt Gene Name	ADAMTS18
UniProt Synonym Gene Names	ADAMTS21; ADAM-TS 18; ADAM-TS18; ADAMTS-18
UniProt Entry Name	ATS18_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/adamts18-human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-18/101587>