

Human ADAM Metallopeptidase with Thrombospondin Type 1 Motif 18 (ADAMTS18) ELISA Kit | ADAMTS18 elisa kit

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CATALOG # AAA43876	REACTIVITY Human
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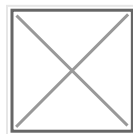
PRODUCT SYNONYMS

ADAM Metallopeptidase with Thrombospondin Type 1 Motif 18 (ADAMTS18); Human ADAM Metallopeptidase with Thrombospondin Type 1 Motif 18 (ADAMTS18) ELISA Kit; ADAMTS18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1257
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.32ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS18 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human ADAM Metallopeptidase with Thrombospondin Type 1 Motif 18 (also known as ADAMTS18) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ADAMTS18 antibody. ADAMTS18 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ADAMTS18 Antibody is added and binds to ADAMTS18 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ADAMTS18 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ADAMTS18. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119616005
NCBI GeneID	170692
Molecular Weight	119,768 Da
NCBI Official Full Name	ADAM metallopeptidase with thrombospondin type 1 motif, 18, isoform CRA_b
NCBI Official Synonym Full Names	ADAM metallopeptidase 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

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/adam-metallopeptidase-with-thrombospondin-type-1-motif-18-adamts18/43876>