

Human A Disintegrin And Metalloproteinase With Thrombospondin 18 ELISA Kit | ADAMTS18 elisa kit

Human ADAMTS18 (A Disintegrin And Metalloproteinase With Thrombospondin 18) ELISA Kit

CATALOG #
AAA171444

REACTIVITY
Human

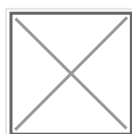
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin 18; Human ADAMTS18 (A Disintegrin And Metalloproteinase With Thrombospondin 18) ELISA Kit; ADAMTS18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ADAMTS18. No significant cross-reactivity or interference between Human ADAMTS18 and analogues was observed.
Sequence Length	1221
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS18 elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Human ADAMTS18 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ADAMTS18. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ADAMTS18 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ADAMTS18, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ADAMTS18. You can calculate the concentration of ADAMTS18 in the samples by comparing the OD of the samples to the standard curve.

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 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
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-18/171444>