

Human A Disintegrin And Metalloproteinase With Thrombospondin 5 ELISA Kit | ADAMTS5 elisa kit

Human ADAMTS5 (A Disintegrin And Metalloproteinase With Thrombospondin 5) ELISA Kit

CATALOG # AAA171438	REACTIVITY Human
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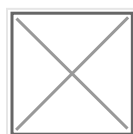
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin 5; Human ADAMTS5 (A Disintegrin And Metalloproteinase With Thrombospondin 5) ELISA Kit; ADAMTS5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ADAMTS5. No significant cross-reactivity or interference between Human ADAMTS5 and analogues was observed.
Sequence Length	930
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS5 elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Human ADAMTS5 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 ADAMTS5. 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 ADAMTS5 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 ADAMTS5, 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 ADAMTS5. You can calculate the concentration of ADAMTS5 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195539372
NCBI GeneID	11096
NCBI Accession #	NP_008969.2
NCBI GenBank Nucleotide #	NM_007038.4
Molecular Weight	101,718 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 5 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 5
NCBI Official Symbol	ADAMTS5
NCBI Official Synonym Symbols	ADMP-2; ADAM-TS5; ADAMTS-5; ADAMTS11; ADAM-TS 5; ADAMTS-11; ADAM-TS 11
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 5
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 5
UniProt Gene Name	ADAMTS5
UniProt Synonym Gene Names	ADAMTS11; ADMP2; ADAM-TS 5; ADAM-TS5; ADAMTS-5; ADAM-TS 11; ADAMTS-11
UniProt Entry Name	ATS5_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/adamts5-human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-5/171438>