

Human A Disintegrin And Metalloproteinase With Thrombospondin 12 ELISA Kit | ADAMTS12 elisa kit

Human ADAMTS12 (A Disintegrin And Metalloproteinase With Thrombospondin 12) ELISA Kit

CATALOG #
AAA22025

REACTIVITY
Human

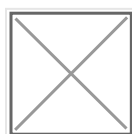
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin 12; Human ADAMTS12 (A Disintegrin And Metalloproteinase With Thrombospondin 12) ELISA Kit; ADAMTS12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ADAM10 in samples. No significant cross-reactivity or interference between HumanADAM10 and analogues was observed.
Sequence Length	1594
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	37.5pg/mL.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS12 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ADAM10 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ADAM10. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ADAM10 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ADAM10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-subst rate reaction is terminated by the addition of stop 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 Human ADAM10. You can calculate the concentration of Human ADAM10 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51558724
NCBI GeneID	81792
NCBI Accession #	NP_112217.2
NCBI GenBank Nucleotide #	NM_030955.2
Molecular Weight	168,460 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 12 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 12
NCBI Official Symbol	ADAMTS12
NCBI Official Synonym Symbols	PRO4389
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 12
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 12
UniProt Gene Name	ADAMTS12
UniProt Synonym Gene Names	ADAM-TS 12; ADAM-TS12; ADAMTS-12
UniProt Entry Name	ATS12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adamts12-human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-12/22025>