

Human A disintegrin and metalloproteinase with thrombospondin motifs 5 ELISA Kit | ADAMTS5 elisa kit

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CATALOG # AAA310171	REACTIVITY Human
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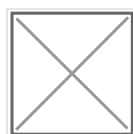
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 5; Human A disintegrin and metalloproteinase with thrombospondin motifs 5 ELISA Kit; ADAM-TS 5; ADAM-TS5; ADAMTS-5; A disintegrin and metalloproteinase with thrombospondin motifs 11; ADAM-TS 11;; ADAMTS5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural GeneralVitamin B12. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates, And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	0.15-10.0ng/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 immunoassay kit allows for the in vitro quantitative determination of generalVitamin B12concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassaytechnique. The microtiter plate provided in this kit has been pre-coated with an antibody specific toVitamin B12, During the reaction,Vitamin B12in the sample or standard competes with a fixed amount of biotin-labeledVitamin B12 for sites on a pre-coated Monoclonal antibody specific to Vitamin B12. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Thena TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Vitamin B12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195539372
NCBI GeneID	11096

NCBI Accession #	NP_008969.2
NCBI GenBank Nucleotide #	NM_007038.4
UniProt Accession #	Q9UNA0 ; Q52LV4 ; Q9UKP2
Molecular Weight	101,718 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 5 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase 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

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-motifs-5/310171>