

Human A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2) ELISA Kit | ADAMTS2 elisa kit

Human A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2) ELISA Kit

CATALOG # AAA246730	REACTIVITY Human
-------------------------------	----------------------------

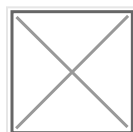
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2); Human A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2) ELISA Kit; ADAMTS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS2 elisa kit	Intended Uses: This ADAMTS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADAMTS2. This ELISA kit for research use only! Principle of the Assay: ADAMTS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADAMTS2 antibody and an ADAMTS2-HRP conjugate. The assay sample and buffer are incubated together with ADAMTS2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADAMTS2 concentration since ADAMTS2 from samples and ADAMTS2-HRP conjugate compete for the anti-ADAMTS2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAMTS2 from the sample, fewer sites are left to bind ADAMTS2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAMTS2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADAMTS2 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825974
NCBI GeneID	9509
NCBI Accession #	NP_055059.2
NCBI GenBank Nucleotide #	NM_014244.4
Molecular Weight	61,756 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif, 2
NCBI Official Symbol	ADAMTS2
NCBI Official Synonym Symbols	NPI; PNPI; PCINP; PCPNI; PCI-NP; PC I-NP; ADAM-TS2; ADAMTS-2; ADAMTS-3
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 2; procollagen I N-proteinase; procollagen N-endopeptidase; procollagen I/II amino propeptide-processing enzyme; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 2
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 2
UniProt Gene Name	ADAMTS2
UniProt Synonym Gene Names	PCINP; PCPNI; ADAM-TS 2; ADAM-TS2; ADAMTS-2; PC I-NP; pNPI
UniProt Entry Name	ATS2_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/human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-2-adamts2/246730>