

Human ADAM metallopeptidase with thrombospondin type 1 motif, 2 ELISA Kit | ADAMTS2 elisa kit

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

CATALOG # AAA18399	REACTIVITY Human
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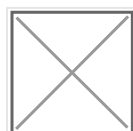
PRODUCT SYNONYMS

ADAM metallopeptidase with thrombospondin type 1 motif, 2; Human A disintegrin and metalloproteinase with thrombospondin motifs 2; ADAMTS2 ELISA Kit; Human A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2) ELISA kit; ADAM-TS2; ADAMTS-3; NPI; PCINP; PCPNI; hPCPNI; a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif; procollagen I N-proteinase; procollagen N-endopeptidase; ADAMTS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ADAMTS2. No significant cross-reactivity or interference between human ADAMTS2 and analogues was observed.
Sequence Length	1211
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADAMTS2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMTS2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTS2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAMTS2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110825974
NCBI GeneID	9509
NCBI Accession #	NP_055059.2
NCBI GenBank Nucleotide #	NM_014244.4
UniProt Accession #	O95450
Molecular Weight	134,755 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.

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Online datasheet: <https://stage.aaabiotech.com/adamts2-human-elisa-kits/adam-metallopeptidase-with-thrombospondin-type-1-motif-2/18399>