Human A disintegrin and metalloproteinase with thrombospondin motifs 4 ELISA Kit | ADAMTS4 elisa kit

Human A disintegrin and metalloproteinase with thrombospondin motifs 4 ELISA Kit

CATALOG #	REACTIVITY
AAA101637	**Human**

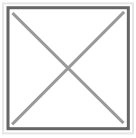
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 4; Human A disintegrin and metalloproteinase with thrombospondin motifs 4 ELISA Kit; ADAMTS4/ADAMTS2/ADMP-1/ADAM-TS 4/ADAMTS-2/ADAM-TS4/ADAMTS-4/Aggrecanase 1/a disintegrin-like and metalloprotease (reprolysin type) with thrombospondintype 1 motif; 4/ADAM metallopeptidase with thrombospondin type 1 motif; 4/A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAMTS4 elisa kit

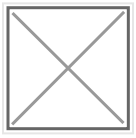
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	837
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS4 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ADAMTS4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ADAMTS4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ADAMTS4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofHuman ADAMTS4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157427675
NCBI GeneID	9507

NCBI Accession #	NP_005090.3
NCBI GenBank Nucleotide #	NM_005099.5
Molecular Weight	83,030 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 4 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 4
NCBI Official Symbol	ADAMTS4
NCBI Official Synonym Symbols	ADMP-1; ADAMTS-2; ADAMTS-4
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Gene Name	**ADAMTS4**
UniProt Synonym Gene Names	KIAA0688; ADAM-TS 4; ADAM-TS4; ADAMTS-4
UniProt Entry Name	ATS4_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/adamts4-human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-4/101637