

Human A disintegrin and metalloproteinase with thrombospondin motifs 20 ELISA Kit | ADAMTS20 elisa kit

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CATALOG # AAA99412	REACTIVITY Human
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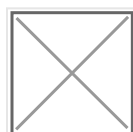
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 20; Human A disintegrin and metalloproteinase with thrombospondin motifs 20 ELISA Kit; ADAMTS20/A disintegrin and metalloproteinase with thrombospondin motifs 20/ADAM-TS 20/ADAM-TS20/ADAMTS-20; ADAMTS20 elisa kit

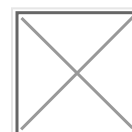
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1910
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 ADAMTS20 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ADAMTS20 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-ADAMTS20 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 ADAMTS20 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ADAMTS20 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124430557
NCBI GeneID	80070
NCBI Accession #	NP_079279.3

NCBI GenBank Nucleotide #	NM_025003.3
Molecular Weight	214,720 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 20 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 20
NCBI Official Symbol	ADAMTS20
NCBI Official Synonym Symbols	GON-1; ADAM-TS20; ADAMTS-20
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 20
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 20
UniProt Gene Name	ADAMTS20
UniProt Synonym Gene Names	ADAM-TS 20; ADAM-TS20; ADAMTS-20
UniProt Entry Name	ATS20_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/adamts20-human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-20/99412>