

Human ADAMTSL5 (ADAMTS-like protein 5) ELISA Kit | ADAMTSL5 elisa kit

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CATALOG #
AAA251046

REACTIVITY
Human

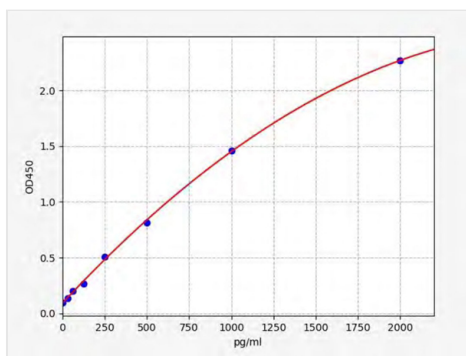
PRODUCT SYNONYMS

ADAMTSL5 (ADAMTS-like protein 5); Human ADAMTSL5 (ADAMTS-like protein 5) ELISA Kit; ADAMTSL5; ADAMTS-like protein 5; ADAMTSL-5; Thrombospondin type-1 domain-containing protein 6; ADAMTSL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize ADAMTSL5, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for ADAMTSL5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti ADAMTSL5 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti ADAMTSL5 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with ADAMTSL5 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of ADAMTSL5 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226442878
NCBI GeneID	339366
NCBI Accession #	NP_998769
NCBI GenBank Nucleotide #	NM_213604.2
UniProt Accession #	Q6ZMM2; Q8IW95; B4DXK7
Molecular Weight	53,171 Da
NCBI Official Full Name	ADAMTS-like protein 5
NCBI Official Synonym Full Names	ADAMTS-like 5
NCBI Official Symbol	ADAMTSL5
NCBI Official Synonym Symbols	THSD6
NCBI Protein Information	ADAMTS-like protein 5; ADAMTSL-5; thrombospondin, type I, domain containing 6; thrombospondin type-1 domain-containing protein 6
UniProt Protein Name	ADAMTS-like protein 5
UniProt Gene Name	ADAMTSL5
UniProt Synonym Gene Names	THSD6; ADAMTSL-5
UniProt Entry Name	ATL5_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/adamtsl5-adamts-like-protein-5/251046>