

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

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CATALOG #
AAA244787

REACTIVITY
Human

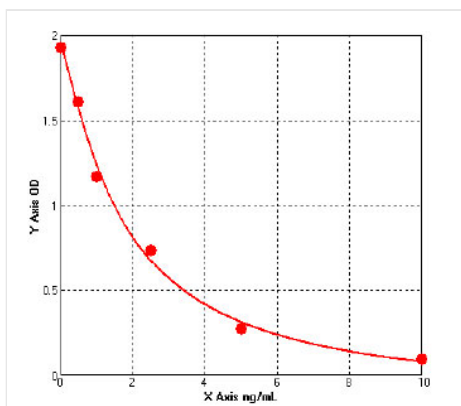
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAMTSL5. No significant cross-reactivity or interference between ADAMTSL5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADAMTSL5 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTSL5 elisa kit	Principle of the Assay: ADAMTSL5 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ADAMTSL5 antibody and an ADAMTSL5-HRP conjugate. The assay sample and buffer are incubated together with ADAMTSL5-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 ADAMTSL5 concentration since ADAMTSL5 from samples and ADAMTSL5-HRP conjugate compete for the anti-ADAMTSL5 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAMTSL5 from the sample, fewer sites are left to bind ADAMTSL5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAMTSL5 concentration in each sample is interpolated from this standard curve. Intended Uses: This ADAMTSL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADAMTSL5. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ADAMTSL5 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	226442878
NCBI GeneID	339366
NCBI Accession #	NP_998769.2
NCBI GenBank Nucleotide #	NM_213604.2
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.