

Human ADAMTS like protein 2 (ADAMTSL2) ELISA Kit | ADAMTSL2 elisa kit

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CATALOG #
AAA27141

REACTIVITY
Human

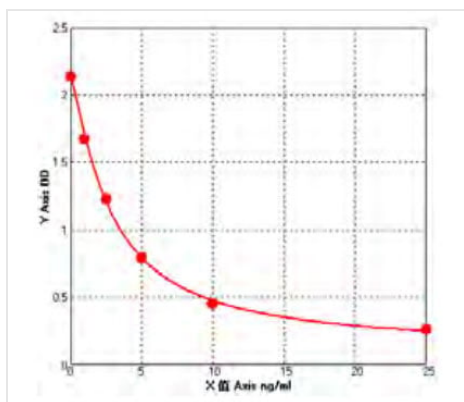
PRODUCT SYNONYMS

ADAMTS like protein 2 (ADAMTSL2); Human ADAMTS like protein 2 (ADAMTSL2) ELISA Kit; ADAMTSL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAMTSL2. No significant cross-reactivity or interference between ADAMTSL2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADAMTSL2 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 ADAMTSL2 elisa kit	Principle of the Assay: ADAMTSL2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADAMTSL2 antibody and an ADAMTSL2-HRP conjugate. The assay sample and buffer are incubated together with ADAMTSL2-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 ADAMTSL2 concentration since ADAMTSL2 from samples and ADAMTSL2-HRP conjugate compete for the anti-ADAMTSL2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAMTSL2 from the sample, fewer sites are left to bind ADAMTSL2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAMTSL2 concentration in each sample is interpolated from this standard curve. Intended Uses: This ADAMTSL2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADAMTSL2. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for ADAMTSL2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718260
NCBI GeneID	9719
NCBI Accession #	NP_001138792.1
NCBI GenBank Nucleotide #	NM_001145320.1
Molecular Weight	104,621 Da
NCBI Official Full Name	ADAMTS-like protein 2
NCBI Official Synonym Full Names	ADAMTS-like 2
NCBI Official Symbol	ADAMTSL2
NCBI Official Synonym Symbols	GPHYSD1
NCBI Protein Information	ADAMTS-like protein 2; ADAMTSL-2
UniProt Protein Name	ADAMTS-like protein 2
UniProt Gene Name	ADAMTSL2
UniProt Synonym Gene Names	KIAA0605; ADAMTSL-2
UniProt Entry Name	ATL2_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.