

Mouse ADAMTS-like protein 3 (ADAMTSL3) ELISA Kit | ADAMTSL3 elisa kit

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CATALOG #
AAA246336

REACTIVITY
Mouse

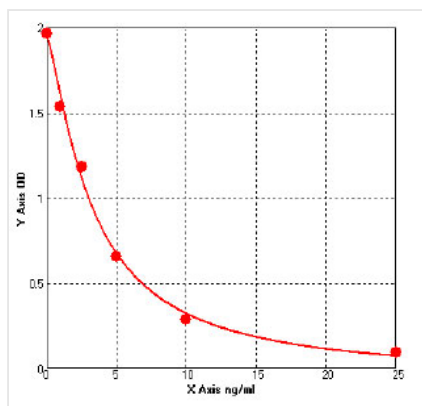
PRODUCT SYNONYMS

ADAMTS-like protein 3 (ADAMTSL3); Mouse ADAMTS-like protein 3 (ADAMTSL3) ELISA Kit; ADAMTSL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAMTSL3. No significant cross-reactivity or interference between ADAMTSL3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADAMTSL3 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 ADAMTSL3 elisa kit	Principle of the Assay: ADAMTSL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADAMTSL3 antibody and an ADAMTSL3-HRP conjugate. The assay sample and buffer are incubated together with ADAMTSL3-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 ADAMTSL3 concentration since ADAMTSL3 from samples and ADAMTSL3-HRP conjugate compete for the anti-ADAMTSL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAMTSL3 from the sample, fewer sites are left to bind ADAMTSL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAMTSL3 concentration in each sample is interpolated from this standard curve. Intended Uses: This ADAMTSL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ADAMTSL3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ADAMTSL3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	145275198
NCBI GeneID	57188
NCBI Accession #	NP_997400.2
NCBI GenBank Nucleotide #	NM_207517.2
Molecular Weight	187,240 Da
NCBI Official Full Name	ADAMTS-like protein 3 isoform a
NCBI Official Synonym Full Names	ADAMTS-like 3
NCBI Official Symbol	ADAMTSL3
NCBI Official Synonym Symbols	ADAMTSL-3
NCBI Protein Information	ADAMTS-like protein 3; punctin-2; a disintegrin-like and metalloprotease domain with thrombospondin type I motifs-like 3
UniProt Protein Name	ADAMTS-like protein 3
UniProt Gene Name	ADAMTSL3
UniProt Synonym Gene Names	KIAA1233; ADAMTSL-3
UniProt Entry Name	ATL3_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.