

Rabbit A Disintegrin And Metalloproteinase With Thrombospondin Motifs 1 (ADAMTS1) ELISA Kit | ADAMTS1 elisa kit

Rabbit A Disintegrin And Metalloproteinase With Thrombospondin Motifs 1 (ADAMTS1) ELISA Kit

CATALOG # AAA247377	REACTIVITY Rabbit
-------------------------------	-----------------------------

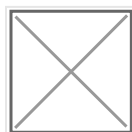
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin Motifs 1 (ADAMTS1); Rabbit A Disintegrin And Metalloproteinase With Thrombospondin Motifs 1 (ADAMTS1) ELISA Kit; ADAMTS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAMTS1. No significant cross-reactivity or interference between ADAMTS1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADAMTS1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	967
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS1 elisa kit	Intended Uses: This ADAMTS1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ADAMTS1. This ELISA kit for research use only! Principle of the Assay: ADAMTS1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ADAMTS1 antibody and an ADAMTS1-HRP conjugate. The assay sample and buffer are incubated together with ADAMTS1-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 ADAMTS1 concentration since ADAMTS1 from samples and ADAMTS1-HRP conjugate compete for the anti-ADAMTS1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAMTS1 from the sample, fewer sites are left to bind ADAMTS1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAMTS1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADAMTS1 elisa kit	Cardiovascular; Tags & Cell Markers; Signal Transduction; Cancer; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845384
NCBI GeneID	9510
NCBI Accession #	NP_008919.3
NCBI GenBank Nucleotide #	NM_006988.5
UniProt Accession #	Q9UHI8; Q9NSJ8; Q9P2K0; Q9UH83; Q9UP80; D3DSD5
Molecular Weight	105,358 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 1 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 1
NCBI Official Symbol	ADAMTS1
NCBI Official Synonym Symbols	C3-C5; METH1
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 1
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 1
UniProt Gene Name	ADAMTS1
UniProt Synonym Gene Names	KIAA1346; METH1; ADAM-TS 1; ADAM-TS1; ADAMTS-1

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/rabbit-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-1-adamts1/247377>