

Human A Disintegrin And Metalloproteinase With Thrombospondin Motifs 6 (ADAMTS6) ELISA Kit | ADAMTS6 elisa kit

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CATALOG # AAA331111	REACTIVITY Human
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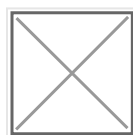
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin Motifs 6 (ADAMTS6); Human A Disintegrin And Metalloproteinase With Thrombospondin Motifs 6 (ADAMTS6) ELISA Kit; ADAMTS6; ADAM-TS6; a disintegrin and metalloproteinase with thrombospondin motifs 6; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif; 6; ADAMTS6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human A disintegrin and metalloproteinase with thrombospondin motifs 6 (ADAMTS6) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADAMTS6. No significant cross-reactivity or interference between Human ADAMTS6 and analogues was observed.
Sequence Length	1117
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	<ul style="list-style-type: none"> * Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human A disintegrin and metalloproteinase with thrombospondin motifs 6 (ADAMTS6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADAMTS6 elisa kit	<p>Description: This Human A disintegrin and metalloproteinase with thrombospondin motifs 6 (ADAMTS6) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAMTS6 in samples. An antibody specific for ADAMTS6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMTS6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTS6 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAMTS6 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: The predicted 860-amino acid ADAMTS6 protein has a domain structure characteristic of ADAMTSs. Beginning at the N terminus, it has a preproregion containing a potential furin cleavage site and a putative cysteine-switch, a catalytic domain containing a typical reprotysin-type zinc-binding signature and a 'met turn,' a disintegrin-like domain, a conserved thrombospondin module, a cysteine-rich domain, a spacer domain, and a second, less conserved thrombospondin module. The mature ADAMTS6 protein has 2 potential N-linked glycosylation sites. Northern blot analysis of several human tissues detected an approximately 8.5-kb ADAMTS6 transcript that was expressed at low levels in placenta and at barely detectable levels in a number of other tissues. Adamts6 was not detectably expressed during mouse embryo development.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64276808
NCBI GeneID	11174
NCBI Accession #	NP_922932.2
NCBI GenBank Nucleotide #	NP_922932.2
UniProt Accession #	Q9UKP5
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 6 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 6
NCBI Official Symbol	ADAMTS6
NCBI Official Synonym Symbols	ADAM-TS6; ADAMTS-6; ADAM-TS 6
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 6
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 6
UniProt Gene Name	ADAMTS6
UniProt Synonym Gene Names	ADAM-TS 6; ADAM-TS6; ADAMTS-6

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-6-adamts6/331111>