

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

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CATALOG #
AAA331108

REACTIVITY
Human

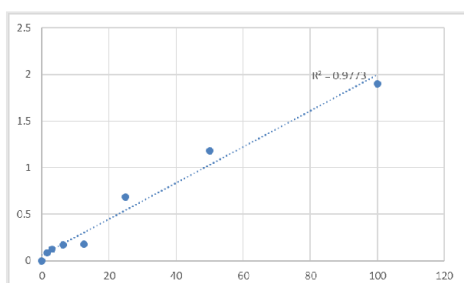
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin Motifs 1 (ADAMTS1); Human A Disintegrin And Metalloproteinase With Thrombospondin Motifs 1 (ADAMTS1) ELISA Kit; ADAMTS1; C3-C5; KIAA1346; METH1; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif; 1; human metalloproteinase with thrombospondin type 1 motifs; ADAMTS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 1 (ADAMTS1) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADAMTS1. No significant cross-reactivity or interference between Human ADAMTS1 and analogues was observed.
Sequence Length	967
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* 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 1 (ADAMTS1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADAMTS1 elisa kit	Description: This Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 1 (ADAMTS1) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAMTS1 in samples. An antibody specific for ADAMTS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMTS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTS1 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 ADAMTS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: ADAMTS1 is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50845384
NCBI GeneID	9510
NCBI Accession #	NP_008919.3
NCBI GenBank Nucleotide #	NP_008919.3
UniProt Accession #	Q9UHI8
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase 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.