

Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 12 (ADAMTS12) ELISA Kit | ADAMTS12 elisa kit

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CATALOG #
AAA44049

REACTIVITY
Human

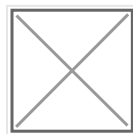
PRODUCT SYNONYMS

A Disintegrin and Metalloproteinase with Thrombospondin Motifs 12 (ADAMTS12); Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 12 (ADAMTS12) ELISA Kit; ADAMTS12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1594
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 100ng/ml
Sensitivity	1.12ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS12 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human ADAM Metalloproteinase with Thrombospondin Type 1 Motif 12 (also known as ADAMTS12) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ADAMTS12 antibody. ADAMTS12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ADAMTS12 Antibody is added and binds to ADAMTS12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ADAMTS12 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ADAMTS12. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51558724
NCBI GeneID	81792
NCBI Accession #	NP_112217.2
NCBI GenBank Nucleotide #	NM_030955.3
UniProt Accession #	P58397; Q6UWL3; A2RRN9; A5D6V6
Molecular Weight	26,003 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 12 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 12
NCBI Official Symbol	ADAMTS12
NCBI Official Synonym Symbols	PRO4389
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 12
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 12
UniProt Gene Name	ADAMTS12
UniProt Synonym Gene Names	ADAM-TS 12; ADAM-TS12; ADAMTS-12

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-12-adamts12/44049>