

Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 7, ADAMTS7 ELISA Kit | ADAMTS7 elisa kit

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CATALOG #
AAA42412

REACTIVITY
Human

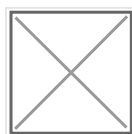
PRODUCT SYNONYMS

A Disintegrin and Metalloproteinase with Thrombospondin Motifs 7; ADAMTS7; Human A Disintegrin and Metalloproteinase with Thrombospondin Motifs 7; ADAMTS7 ELISA Kit; ADAMTS7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1686
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.15ng/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 ADAMTS7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Endothelin-converting Enzyme 1 (also known as ECE1) 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 ECE1 antibody. ECE1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ECE1 Antibody is added and binds to ECE1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ECE1 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 ECE1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #

38683827

NCBI GeneID	11173
NCBI Accession #	NP_055087.2
NCBI GenBank Nucleotide #	NM_014272.4
UniProt Accession #	Q9UKP4; Q14F51; Q6P7J9
Molecular Weight	184,095 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 7 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 7
NCBI Official Symbol	ADAMTS7
NCBI Official Synonym Symbols	ADAM-TS7; ADAMTS-7; ADAM-TS 7
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 7
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 7
UniProt Gene Name	ADAMTS7
UniProt Synonym Gene Names	ADAM-TS 7; ADAM-TS7; ADAMTS-7

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-7-adamts7/42412>