Rat A Disintegrin and Metalloproteinase with Thrombospondin Motifs 4, ADAMTS4 ELISA Kit | ADAMTS4 elisa kit

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CATALOG #	REACTIVITY
AAA121290	**Rat**

PRODUCT SYNONYMS

A Disintegrin and Metalloproteinase with Thrombospondin Motifs 4; ADAMTS4; Rat A Disintegrin and Metalloproteinase with Thrombospondin Motifs 4; ADAMTS4 ELISA Kit; ADAMTS4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	837
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml - 300ng/ml
Sensitivity	0.57ng/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 ADAMTS4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat A Disintegrin and Metalloproteinase With Thrombospondin Motifs 4 (also known as ADAMTS4) 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 Rat ADAMTS4 antibody. ADAMTS4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ADAMTS4 Antibody is added and binds to ADAMTS4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ADAMTS4 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 Rat ADAMTS4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157427675
NCBI GeneID	9507
NCBI Accession #	NP_005090.3
NCBI GenBank Nucleotide #	NM_005099.5
UniProt Accession #	O75173; Q2HYD0; Q5VTW2; Q6P4Q8; Q6UWA8; Q9UN83
Molecular Weight	90,065 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 4 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 4
NCBI Official Symbol	ADAMTS4
NCBI Official Synonym Symbols	ADMP-1; ADAMTS-2; ADAMTS-4
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Gene Name	**ADAMTS4**
UniProt Synonym Gene Names	KIAA0688; ADAM-TS 4; ADAM-TS4; ADAMTS-4

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/rat-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-motifs-4-adamts4/121290