

Rat A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4) RTU ELISA Kit | ADAMTS4 rtu elisa kit

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CATALOG #
AAA68872

REACTIVITY
Rat

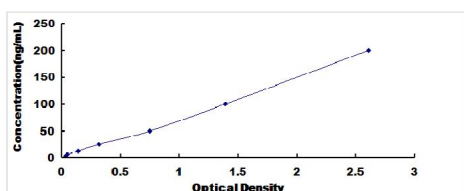
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4); Rat A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4) ELISA Kit; ADMP-1; Aggrecanase-1; ADAMTS4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	851
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	3.12-200ng/mL
Sensitivity	1.15ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAMTS4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADAMTS4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADAMTS4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADAMTS4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ADAMTS4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281306771
NCBI GeneID	66015
NCBI Accession #	NP_076449.1
NCBI GenBank Nucleotide #	NM_023959.1
UniProt Accession #	Q9ESP7; Q9ESP6; Q9ESP8
Molecular Weight	68,385 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif, 4
NCBI Official Symbol	Adamts4
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	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-rtu-elisa-kits/a-disintegrin-and-metalloproteinase-with-thrombospondin-4-adamts4/68872>