

Rat A Disintegrin And Metalloprotease 10 (ADAM10) ELISA Kit | ADAM10 elisa kit

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CATALOG #
AAA136496

REACTIVITY
Rat

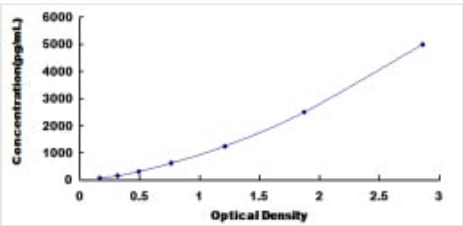
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 10 (ADAM10); Rat A Disintegrin And Metalloprotease 10 (ADAM10) ELISA Kit; CD156-C; CD156c; MADM; Kuz; CDw156; Kuzbanian protein homolog; Mammalian disintegrin-metalloprotease; ADAM10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of A Disintegrin And Metalloprotease 10 (ADAM10). No significant cross-reactivity or interference between A Disintegrin And Metalloprotease 10 (ADAM10) and analogues was observed.
Sequence Length	1103
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	34pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level A Disintegrin And Metalloprotease 10 (ADAM10) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level A Disintegrin And Metalloprotease 10 (ADAM10) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM10 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to A Disintegrin And Metalloprotease 10 (ADAM10). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to A Disintegrin And Metalloprotease 10 (ADAM10). 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 A Disintegrin And Metalloprotease 10 (ADAM10), 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 ± 10nm. The concentration of A Disintegrin And Metalloprotease 10 (ADAM10) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ADAM10 elisa kit	Enzyme & Kinase; Tumor immunity; Infection immunity; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	537544566
NCBI GeneID	81794
NCBI Accession #	NP_112219.3
NCBI GenBank Nucleotide #	NM_030957.3
Molecular Weight	62,530 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 10 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif, 10
NCBI Official Symbol	ADAMTS10
NCBI Official Synonym Symbols	WMS; WMS1; ADAM-TS10; ADAMTS-10
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 10
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 10
UniProt Gene Name	ADAMTS10
UniProt Synonym Gene Names	ADAM-TS 10; ADAM-TS10; ADAMTS-10
UniProt Entry Name	ATS10_HUMAN

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.