

Mouse A Disintegrin And Metalloprotease 8 (ADAM8) ELISA Kit | ADAM8 elisa kit

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CATALOG #
AAA135654

REACTIVITY
Mouse

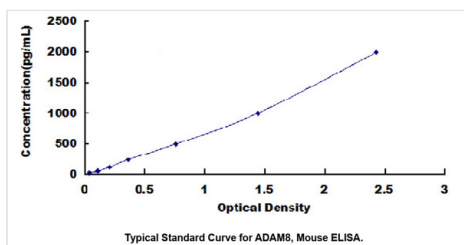
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 8 (ADAM8); Mouse A Disintegrin And Metalloprotease 8 (ADAM8) ELISA Kit; CD156-A; MS2; CD156a; Disintegrin and metalloproteinase domain-containing protein 8; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAM8. No significant cross-reactivity or interference between ADAM8 and analogues was observed.
Sequence Length	889
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 12.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADAM8 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADAM8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 ADAM8 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ADAM8. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ADAM8. 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 ADAM8, 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 ADAM8 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADAM8 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for ADAM8 elisa kit	Enzyme & Kinase; Tumor immunity; Immune molecule; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792351
NCBI GeneID	11095
NCBI Accession #	NP_008968.4
NCBI GenBank Nucleotide #	NM_007037.4
Molecular Weight	96,460 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 8 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif, 8
NCBI Official Symbol	ADAMTS8
NCBI Official Synonym Symbols	METH2; ADAM-TS8
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 8
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 8
UniProt Gene Name	ADAMTS8
UniProt Synonym Gene Names	METH2; ADAM-TS 8; ADAM-TS8; ADAMTS-8
UniProt Entry Name	ATS8_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/a-disintegrin-and-metalloprotease-8-adam8/135654>