

Mouse ADAM metallopeptidase domain 8 ELISA Kit | ADAM8 elisa kit

Mouse A Disintegrin And Metalloprotease 8, ADAM8 ELISA Kit

CATALOG # AAA80088	REACTIVITY Mouse
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PRODUCT SYNONYMS

ADAM metallopeptidase domain 8; Mouse A Disintegrin And Metalloprotease 8; ADAM8 ELISA Kit; CD156; MGC134985; MS2; a disintegrin and metalloproteinase domain 8; cell surface antigen MS2; disintegrin and metalloproteinase domain-containing protein 8; human leukocyte differentiation antigen; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ADAM8. No significant cross-reactivity or interference between Mouse ADAM8 and analogues was observed.
Sequence Length	826
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit	Introduction: ADAM metallopeptidase domain 8, also known as ADAM8, is a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene may be involved in cell adhesion during neurodegeneration. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADAM8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin conjugated antibody preparation specific for ADAM8 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. 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 a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ADAM8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680642
NCBI GeneID	11501
NCBI Accession #	NP_031429.1
NCBI GenBank Nucleotide #	NM_007403.2
UniProt Accession #	Q05910
Molecular Weight	90,046 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 8 isoform 1
NCBI Official Synonym Full Names	a disintegrin and metallopeptidase domain 8
NCBI Official Symbol	Adam8
NCBI Official Synonym Symbols	MS2; CD156; CD156a; E430039A18Rik
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 8; ADAM 8; cell surface antigen MS2; macrophage cysteine-rich glycoprotein; a disintegrin and metalloprotease domain 8; a disintegrin and metalloprotease domain (ADAM) 8
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 8
UniProt Gene Name	Adam8
UniProt Synonym Gene Names	Ms2; ADAM 8
UniProt Entry Name	ADAM8_MOUSE

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.