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

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CATALOG #	REACTIVITY
AAA332396	**Mouse**

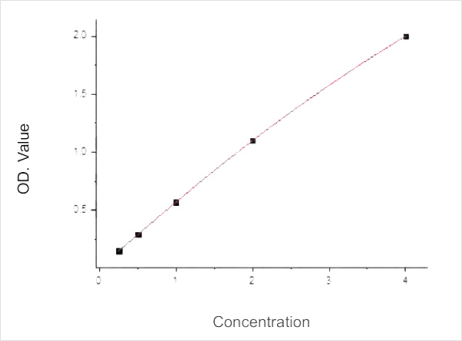
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 8 (ADAM8); Mouse A Disintegrin And Metalloprotease 8 (ADAM8) ELISA Kit; ADAM8; 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	Mouse A Disintegrin And Metalloprotease 8 (ADAM8) ELISA Kit 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
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	0.25 ng/ml - 4 ng/ml
Sensitivity	< 0.01ng/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit	Background: ADAM8 (a disintegrin and metalloprotease 8, also referred to as MS2/CD156a) is a membrane-anchored metalloprotease that was first identified in a macrophage cell line and has been implicated in neurodegenerative diseases. Here, we evaluated the expression of ADAM8 during mouse development and generated mice lacking ADAM8 (Adam8-/- mice). Principle of the Assay: Mouse A Disintegrin And Metalloprotease 8 (ADAM8) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAM8 in samples. An antibody specific for ADAM8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAM8 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse ADAM8 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of ADAM8 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680642
NCBI GeneID	11501
NCBI Accession #	NP_031429.1
NCBI GenBank Nucleotide #	NP_031429.1
UniProt Accession #	Q05910
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; ADAM 8; CD156a; E430039A18Rik
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 8
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 8
UniProt Gene Name	**Adam8**
UniProt Synonym Gene Names	Ms2; ADAM 8

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/mouse-elisa-kits/a-disintegrin-and-metalloprotease-8-adam8/332396