

Mouse ADAM metallopeptidase domain 17 ELISA Kit | ADAM17 elisa kit

Mouse Disintegrin and metalloproteinase domain-containing protein 17, ADAM17 ELISA Kit

CATALOG #
AAA18287

REACTIVITY
Mouse

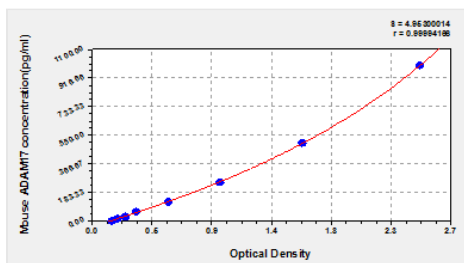
PRODUCT SYNONYMS

ADAM metallopeptidase domain 17; Mouse Disintegrin and metalloproteinase domain-containing protein 17; ADAM17 ELISA Kit; Mouse Disintegrin and metalloproteinase domain-containing protein 17 (ADAM17) ELISA kit; ADAM18; CD156B; CSVP; MGC71942; TACE; ADAM metallopeptidase domain 18; TNF-alpha converting enzyme; a disintegrin and metalloprotease domain 17; snake venom-like protease; tumor necrosis factor; alpha; ; ADAM17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ADAM17. No significant cross-reactivity or interference between mouse ADAM17 and analogues was observed.
Sequence Length	827
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 ADAM17 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADAM17 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAM17 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAM17 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAM17 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	471270257
NCBI GeneID	11491
NCBI Accession #	NP_001264195.1
NCBI GenBank Nucleotide #	NM_001277266.1
UniProt Accession #	Q9Z0F8; O88726; Q505A7; Q9R1U4; Q9Z0K3
Molecular Weight	93,056 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 17 isoform 2
NCBI Official Synonym Full Names	a disintegrin and metalloproteinase domain 17
NCBI Official Symbol	Adam17
NCBI Official Synonym Symbols	Tace; CD156b
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 17; TNF-alpha convertase; TNF-alpha converting enzyme; a disintegrin and metalloproteinase domain 17
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 17
UniProt Gene Name	Adam17
UniProt Synonym Gene Names	Tace; ADAM 17
UniProt Entry Name	ADA17_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.

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Online datasheet: <https://stage.aaabiotech.com/adam17-mouse-elisa-kits/adam-metalloproteinase-domain-17/18287>