

Human ADAM metallopeptidase domain 12 ELISA Kit | ADAM12 elisa kit

Human A Disintegrin And Metalloprotease 12, ADAM12 ELISA Kit

CATALOG #
AAA80613

REACTIVITY
Human

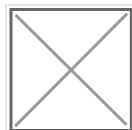
PRODUCT SYNONYMS

ADAM metallopeptidase domain 12; Human A Disintegrin And Metalloprotease 12; ADAM12 ELISA Kit; RP11-295J3.5; MCMP; MCMPMltna; MLTN; MLTNA; a disintegrin and metalloproteinase domain 12 (meltrin alpha) ; meltrin alpha; ADAM12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ACV-B. No significant cross-reactivity or interference between mouse ACV-B and analogues was observed.
Sequence Length	737
Samples	Serum, Plasma And Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 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 ADAM12 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ACV-B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACV-B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ACV-B 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 ACV-B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	572882491
NCBI GeneID	8038
NCBI Accession #	NP_001275903.1
NCBI GenBank Nucleotide #	NM_001288974.1
UniProt Accession #	O43184; O60470; Q5JRP0; Q5JRP1; Q6P9E3; Q6UWB0
Molecular Weight	99,542 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 12 isoform 4 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 12
NCBI Official Symbol	ADAM12
NCBI Official Synonym Symbols	MCMP; MLTN; CAR10; MLTNA; MCMPMltna; ADAM12-OT1
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 12; meltrin-alpha; metalloprotease-disintegrin 12 transmembrane
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 12
UniProt Gene Name	ADAM12
UniProt Synonym Gene Names	MLTN; UNQ346/PRO545; ADAM 12
UniProt Entry Name	ADA12_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/adam12-human-elisa-kits/adam-metallopeptidase-domain-12/80613>