

Human ADAM metallopeptidase domain 9 (meltrin gamma) ELISA Kit | ADAM9 elisa kit

Human A Disintegrin And Metalloprotease 9, ADAM9 ELISA Kit

CATALOG #
AAA80430

REACTIVITY
Human

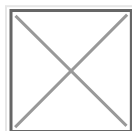
PRODUCT SYNONYMS

ADAM metallopeptidase domain 9 (meltrin gamma); Human A Disintegrin And Metalloprotease 9; ADAM9 ELISA Kit; CORD9; KIAA0021; MCMP; MDC9; Mltng; ADAM metallopeptidase domain 9; a disintegrin and metalloproteinase domain 9 (meltrin gamma) ; cellular disintegrin-related protein; meltrin gamma; myeloma cell metall; ADAM9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ADAM9. No significant cross-reactivity or interference between Human ADAM9 and analogues was observed.
Sequence Length	819
Samples	Serum, plasma, tissue homogenates, cell culture supernates and ascitic fluid
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 ADAM9 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADAM9. Standards or samples are then added to the appropriate microtiter plate wells with a HRP-conjugated antibody preparation specific for ADAM9 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 ADAM9, HRP-conjugated antibody 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 ADAM9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501915
NCBI GeneID	8754
NCBI Accession #	NP_003807.1
NCBI GenBank Nucleotide #	NM_003816.2
UniProt Accession #	Q13443; Q10718; Q8NFM6; B7ZLN7
Molecular Weight	90,556 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 9
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 9
NCBI Official Symbol	ADAM9
NCBI Official Synonym Symbols	MCMP; MDC9; CORD9; Mltng
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 9; cone rod dystrophy 9; myeloma cell metalloproteinase; cellular disintegrin-related protein; ADAM metallopeptidase domain 9 (meltrin gamma); metalloprotease/disintegrin/cysteine-rich protein 9
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 9
UniProt Gene Name	ADAM9
UniProt Synonym Gene Names	KIAA0021; MCMP; MDC9; MLTNG; ADAM 9
UniProt Entry Name	ADAM9_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/adam9-human-elisa-kits/adam-metallopeptidase-domain-9-meltrin-gamma/80430>