

Human ADAM metallopeptidase domain 10 ELISA Kit | ADAM10 elisa kit

Human A Disintegrin And Metalloprotease 10, ADAM10 ELISA Kit

CATALOG #
AAA15598

REACTIVITY
Human

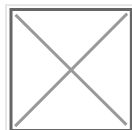
PRODUCT SYNONYMS

ADAM metallopeptidase domain 10; Human A Disintegrin And Metalloprotease 10; ADAM10 ELISA Kit; AD10; CD156c; HsT18717; MADM; kuz; a disintegrin and metalloprotease domain 10; a disintegrin and metalloproteinase domain 10; kuzbanian; ADAM10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ADAM10. No significant cross-reactivity or interference between human ADAM10 and analogues was observed.
Sequence Length	748
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 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 ADAM10 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADAM10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAM10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAM10 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 ADAM10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

References	A disintegrin and metalloprotease-10 is correlated with disease activity and mediates monocyte migration and adhesion in rheumatoid arthritis. Takeo Isozaki, Sho Ishii, Shinichiro Nishimi, Airi Nishimi, Nao Oguro, Shinya Seki, Yoko Miura, Yusuke Miwa, Koei Oh, Yoichiro Toyoshima, Masanori Nakamura, Katsunori Inagaki, Tsuyoshi Kasama (2015)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557251
NCBI GeneID	102
NCBI Accession #	NP_001101.1
NCBI GenBank Nucleotide #	NM_001110.3
UniProt Accession #	O14672; Q10742; Q92650
Molecular Weight	84,142 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 10
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 10
NCBI Official Symbol	ADAM10
NCBI Official Synonym Symbols	RAK; kuz; AD10; AD18; MADM; CD156c; HsT18717
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 10; CDw156; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; a disintegrin and metalloprotease domain 10
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 10
UniProt Gene Name	ADAM10
UniProt Synonym Gene Names	KUZ; MADM; ADAM 10
UniProt Entry Name	ADA10_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/adam10-human-elisa-kits/adam-metallopeptidase-domain-10/15598>