

Human Disintegrin and metalloproteinase domain-containing protein 12 ELISA Kit | ADAM12 elisa kit

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CATALOG #
AAA101497

REACTIVITY
Human

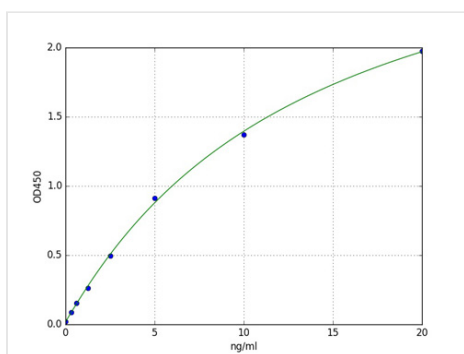
PRODUCT SYNONYMS

Disintegrin and metalloproteinase domain-containing protein 12; Human Disintegrin and metalloproteinase domain-containing protein 12 ELISA Kit; ADAM12 (Disintegrin and metalloproteinase domain-containing protein 12)/Meltrin alpha/a disintegrin and metalloproteinase domain 12 (meltrin alpha)/ADAM 12/ADAM metalloproteinase domain 12/disintegrin and metalloproteinase domain-containing protein 12/MCMP/MCMPMltina/Meltrin-alpha/meltrin-alpha/MLTNA; ADAM12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	906
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ADAM9/CORD9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450								

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM12 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ADAM9/CORD9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- Human ADAM9/CORD9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ADAM9/CORD9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ADAM9/CORD9 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	572882446
NCBI GeneID	8038
NCBI Accession #	NP_001275902.1
NCBI GenBank Nucleotide #	NM_001288973.1
Molecular Weight	80,263 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 12 isoform 3 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
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 12
UniProt Gene Name	ADAM12
UniProt Synonym Gene Names	MLTN; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adam12-human-elisa-kits/disintegrin-and-metalloproteinase-domain-containing-protein-12/101497>