

Human Disintegrin and metalloproteinase domain-containing protein 10 ELISA Kit | ADAM10 elisa kit

Human Disintegrin and metalloproteinase domain-containing protein 10 ELISA Kit

CATALOG #

AAA99517

REACTIVITY

Human

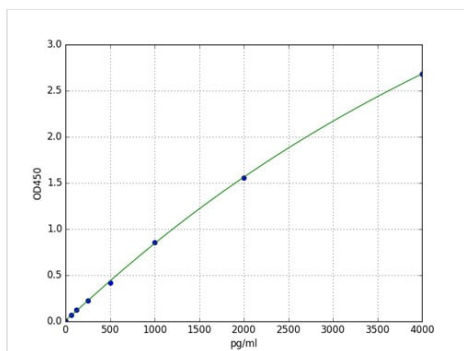
PRODUCT SYNONYMS

Disintegrin and metalloproteinase domain-containing protein 10; Human Disintegrin and metalloproteinase domain-containing protein 10 ELISA Kit; ADAM10/CD156c/Kuzbanian/MADM/a disintegrin and metalloprotease domain 10/AD10/ADAM 10/ADAM metallopeptidase domain 10/CD156c/CD156c antigen/CDw156/disintegrin and metalloproteinase domain-containing protein 10; ADAM10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	748
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/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 ADAM10 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	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.019	0.092	0.165	0.281	0.315	0.892	1.361	1.959

ADDITIONAL INFORMATION

Related Product Information for ADAM10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ADAM10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-ADAM10 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 ADAM10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ADAM10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557251
NCBI GeneID	102
NCBI Accession #	NP_001101.1
NCBI GenBank Nucleotide #	NM_001110.3
Molecular Weight	49,047 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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adam10-human-elisa-kits/disintegrin-and-metalloproteinase-domain-containing-protein-10/99517>