

Human Disintegrin and metalloproteinase domain-containing protein 8 ELISA Kit | ADAM8 elisa kit

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CATALOG #
AAA97756

REACTIVITY
Human

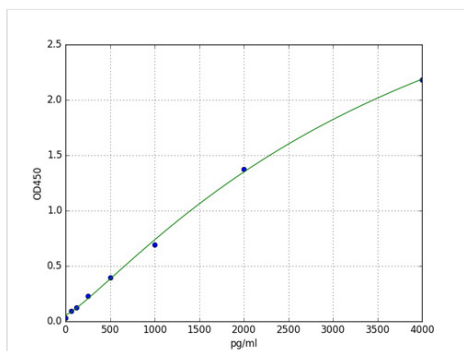
PRODUCT SYNONYMS

Disintegrin and metalloproteinase domain-containing protein 8; Human Disintegrin and metalloproteinase domain-containing protein 8 ELISA Kit; ADAM8/CD156a/MS2/a disintegrin and metalloproteinase domain 8/ADAM 8/ADAM metalloproteinase domain 8/CD156a antigen/CD156 human leukocyte differentiation antigen/Cell surface antigen MS2; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	824
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 Human ADAM8 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	0.058	0.126	0.166	0.274	0.487	0.812	1.474	2.257

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ADAM8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ADAM8 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 ADAM8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ADAM8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256773264
NCBI GeneID	101
NCBI Accession #	NP_001100.3
NCBI GenBank Nucleotide #	NM_001109.4
Molecular Weight	80,262 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 8 isoform 1
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 8
NCBI Official Symbol	ADAM8
NCBI Official Synonym Symbols	MS2; CD156; CD156a
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 8
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 8
UniProt Gene Name	ADAM8
UniProt Synonym Gene Names	MS2; ADAM 8
UniProt Entry Name	ADAM8_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/adam8-human-elisa-kits/disintegrin-and-metalloproteinase-domain-containing-protein-8/97756>