

Human ADAM8 PicoKine ELISA Kit | ADAM8 elisa kit

Human ADAM8 PicoKine ELISA Kit

CATALOG #
AAA46176

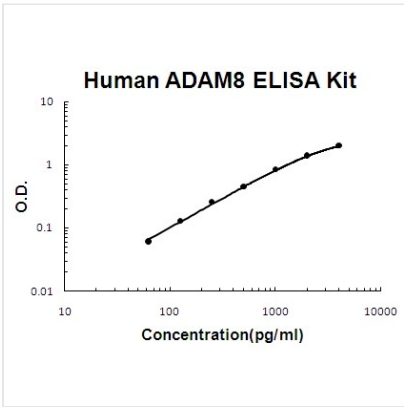
REACTIVITY
Human

PRODUCT SYNONYMS

ADAM8 PicoKine; Human ADAM8 PicoKine ELISA Kit; Disintegrin and metalloproteinase domain-containing protein 8; A Disintegrin And Metalloproteinase domain 8; ADAM 8; ADAM 8 precursor; ADAM metalloproteinase domain 8; Adam8; ADAM8 protein; ADAM8_HUMAN; CD 156; CD156; CD156a; CD156a antigen; Cell surface antigen MS2; Human leukocyte differentiation antigen; Macrophage cysteine rich glycoprotein; MGC134985; MS 2; MS2 ; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human ADAM8
Sequence Length	824
Assay Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/ml
Sample	For quantitative detection of human ADAM8 in cell culture supernates and serum.
Immunogen	NSO, M1-P497
Assay Procedure Step 1	Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml human ADAM8 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates or serum to each empty well. It is recommended that each human ADAM8 standard solution and each sample be measured in duplicate.
Intra-Assay Precision	Inter-Assay Precision Sample 1 2 3 1 2 3 n 16 16 16 24 24 24 Mean(ng/ml) 0.22 1.47 2.34 0.27 1.56 2.58 Standard deviation 0.013 0.090 0.185 0.018 0.115 0.214 CV(%) 5.7 6.1 7.9 6.8 7.4 8.3
Sample Data	Concentration(pg/ml) 0 62.5 125 250 500 1000 2000 4000 O.D. 0.006 0.060 0.129 0.256 0.442 0.829 1.384 1.979
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.



Standard Curve (Sample)
Human ADAM8 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit	Principle of the assay: Human ADAM8 ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for ADAM8 has been precoated onto 96-well plates. Standards(NSO, M1-P497) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for ADAM8 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB are used to visualize HRP enzymatic reaction. TMB is 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. Background: A Disintegrin and metalloproteinase domain-containing protein 8 is an enzyme that in humans is encoded by the ADAM8 gene. ADAM8 is localized to chromosome 10q26.3. This gene encodes a member of the ADAM (a disintegrin and metalloproteinase domain) family. Members of the ADAM family, such as ADAM8, are cell surface proteases involved in remodeling of extracellular matrix, cell migration, and processing of membrane-bound signaling molecules. They are characterized by disintegrin and metalloprotease domains that confer adhesive properties and proteolytic activities, respectively. And the protein encoded by this gene may be involved in cell adhesion duringneurodegeneration.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	256773264
NCBI GeneID	101
NCBI Accession #	NP_001100.3
NCBI GenBank Nucleotide #	NM_001109.4
UniProt Accession #	P78325; B4DVM6; H0YL36; H0YLR0; H0YN39
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/adam8-picokine/46176>