

Human ADAM8 ELISA Kit | ADAM8 elisa kit

Human ADAM8 (A Disintegrin And Metalloprotease 8) ELISA Kit

CATALOG #
AAA164498

REACTIVITY
Human

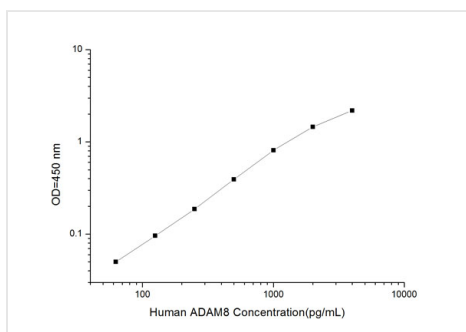
PRODUCT SYNONYMS

ADAM8; Human ADAM8 (A Disintegrin And Metalloprotease 8) ELISA Kit; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ADAM8 in samples. No significant cross-reactivity or interference between Human ADAM8 and analogues was observed.
Sequence Length	824
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	37.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ADAM8 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ADAM8 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ADAM8 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ADAM8. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ADAM8 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ADAM8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human ADAM8. You can calculate the concentration of Human ADAM8 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109731932
NCBI GeneID	101
UniProt Accession #	P78325; B4DVM6; H0YL36; H0YLR0; H0YN39
Molecular Weight	80,262 Da
NCBI Official Full Name	ADAM8 protein
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 8
NCBI Official Symbol	ADAM8
NCBI Official Synonym Symbols	MS2; CD156; CD156a
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 8; a disintegrin and metalloproteinase domain 8; cell surface antigen MS2; human leukocyte differentiation antigen
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/human-elisa-kits/adam8/164498>