

Human CD156a ELISA Kit | ADAM8 elisa kit

Human CD156a ELISA Kit

CATALOG #
AAA263016

REACTIVITY
Human

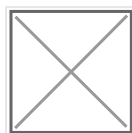
PRODUCT SYNONYMS

CD156a; Human CD156a ELISA Kit; MS2; Disintegrin and metalloproteinase domain-containing protein 8; ADAM 8; Cell surface antigen MS2; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD156a ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD156a proteins within the range of 62.5 pg/ml - 4000 pg/ml.
Sequence Length	824
Samples	Cell Culture Supernates, Serum
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit

Principle of the Assay: The Human CD156a ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD156a in Cell Culture Supernates, Serum. This assay employs an antibody specific for Human CD156a coated on a 96-well plate. Standards and samples are pipetted into the wells and CD156a present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD156a antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD156a bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

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 during neurodegeneration.

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 metalloproteinase 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/cd156a/263016>