

Porcine A Disintegrin And Metalloprotease 8 ELISA Kit | ADAM8 elisa kit

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CATALOG #
AAA92281

REACTIVITY
Porcine

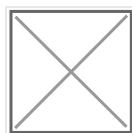
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 8; Porcine A Disintegrin And Metalloprotease 8 ELISA Kit; ADAM8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This ADAM8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ADAM8. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM8 elisa kit	<p>Principle of the Assay: ADAM8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADAM8 antibody and an ADAM8-HRP conjugate. The assay sample and buffer are incubated together with ADAM8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADAM8 concentration since ADAM8 from samples and ADAM8-HRP conjugate compete for the anti-ADAM8 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAM8 from the sample, fewer sites are left to bind ADAM8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAM8 concentration in each sample is interpolated from this</p>
Product Categories/Family for ADAM8 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	109731932
NCBI GeneID	101
Molecular Weight	80,262 Da

NCBI Official Full Name	ADAM8 protein
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; cell surface antigen MS2; human leukocyte differentiation antigen; a disintegrin and metalloproteinase domain 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-porcine-elisa-kits/a-disintegrin-and-metalloprotease-8/92281>