

Porcine A Disintegrin And Metalloprotease ELISA Kit | ADAM elisa kit

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CATALOG #
AAA88258

REACTIVITY
Porcine

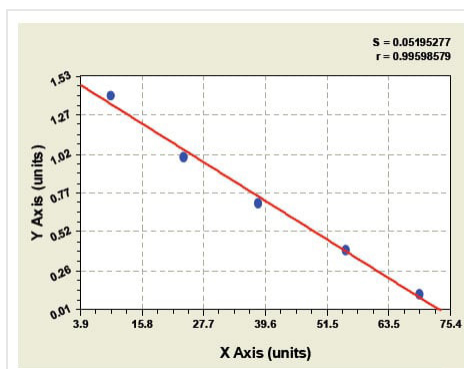
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease; Porcine A Disintegrin And Metalloprotease ELISA Kit; ADAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This ADAM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ADAM. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY ADAM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADAM antibody and an ADAM-HRP conjugate. The assay sample and buffer are incubated together with ADAM-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 ADAM concentration since ADAM from samples and ADAM-HRP conjugate compete for the anti-ADAM antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAM from the sample, fewer sites are left to bind ADAM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133778949
NCBI GeneID	108153
NCBI Accession #	NP_001003911.2
NCBI GenBank Nucleotide #	NM_001003911.2
Molecular Weight	177,712 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 7
NCBI Official Synonym Full Names	a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 7
NCBI Official Symbol	Adamts7
NCBI Official Synonym Symbols	ADAM-TS7; ADAMTS7B
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 7; COMPase; ADAMTS-7; ADAM-TS 7; metalloproteinase; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 7
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 7
UniProt Gene Name	Adamts7
UniProt Synonym Gene Names	ADAM-TS 7; ADAM-TS7; ADAMTS-7
UniProt Entry Name	ATS7_MOUSE

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/adam-porcine-elisa-kits/a-disintegrin-and-metalloproteinase/88258>