

Human A Disintegrin And Metalloprotease ELISA Kit | ADAM elisa kit

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CATALOG #
AAA90356

REACTIVITY
Human

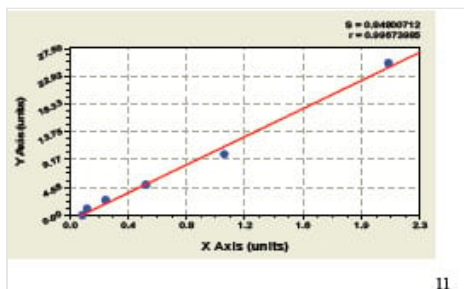
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ADAM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADAM. 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 ADAM elisa kit

Principle of the assay: ADAM ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ADAM. Standards or samples are then added to the microtiter plate wells and ADAM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ADAM present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ADAM are added to each well to "sandwich" the ADAM immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ADAM and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

Product Categories/Family for ADAM elisa kit

Cardiovascular

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adam-human-elisa-kits/a-disintegrin-and-metalloproteinase/90356>