

Monkey A Disintegrin And Metalloprotease 9 ELISA Kit | ADAM9 elisa kit

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CATALOG #
AAA95463

REACTIVITY
Monkey

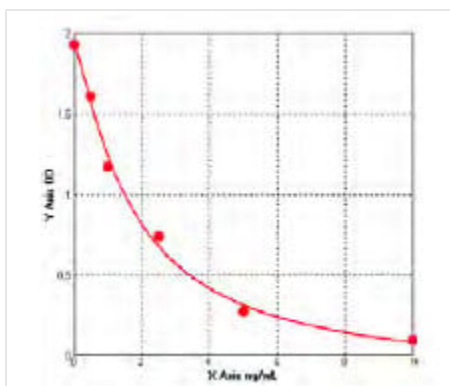
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 9; Monkey A Disintegrin And Metalloprotease 9 ELISA Kit; ADAM9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative 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 ADAM9 elisa kit

Intended Uses: This ADAM9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ADAM9. This ELISA kit for research use only!

Principle of the Assay: ADAM9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADAM9 antibody and an ADAM9-HRP conjugate. The assay sample and buffer are incubated together with ADAM9-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 ADAM9 concentration since ADAM9 from samples and ADAM9-HRP conjugate compete for the anti-ADAM9 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAM9 from the sample, fewer sites are left to bind ADAM9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAM9 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496893
NCBI GeneID	8754
Molecular Weight	72,359 Da
NCBI Official Full Name	ADAM9 protein
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 9
NCBI Official Symbol	ADAM9
NCBI Official Synonym Symbols	MCMP; MDC9; CORD9; Mltng
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 9; cone rod dystrophy 9; myeloma cell metalloproteinase; cellular disintegrin-related protein; ADAM metalloproteinase domain 9 (meltrin gamma); metalloproteinase/disintegrin/cysteine-rich protein 9
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 9
UniProt Gene Name	ADAM9
UniProt Synonym Gene Names	KIAA0021; MCMP; MDC9; MLTNG; ADAM 9
UniProt Entry Name	ADAM9_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/adam9-monkey-elisa-kits/a-disintegrin-and-metalloprotease-9/95463>