

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

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CATALOG #
AAA94600

REACTIVITY
Bovine

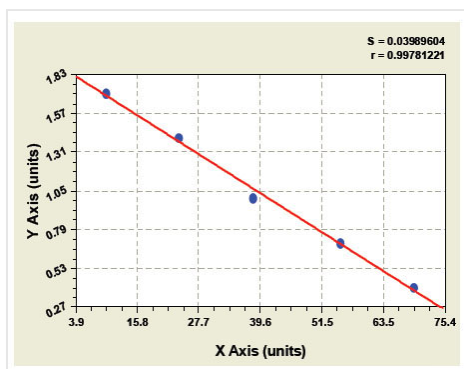
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
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 ADAM9 elisa kit

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

Principle of the Assay: ADAM9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

Product Categories/Family for ADAM9 elisa kit

[Cell Biology](#)

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-bovine-ovine-elisa-kits/a-disintegrin-and-metalloprotease-9/94600>