Bovine A Disintegrin And Metalloprotease 19 ELISA Kit | ADAM19 elisa kit

Bovine A Disintegrin And Metalloprotease 19 ELISA Kit

CATALOG #	REACTIVITY
AAA94808	**Bovine**

PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 19; Bovine A Disintegrin And Metalloprotease 19 ELISA Kit; ADAM19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This ADAM19 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ADAM19. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM19 elisa kit	**Principle of the Assay:** ADAM19 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADAM19 antibody and an ADAM19-HRP conjugate. The assay sample and buffer are incubated together with ADAM19-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 ADAM19 concentration since ADAM19 from samples and ADAM19-HRP conjugate compete for the anti-ADAM19 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADAM19 from the sample, fewer sites are left to bind ADAM19-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADAM19 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADAM19 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	38197238
NCBI GeneID	8728

Molecular Weight	100,848 Da
NCBI Official Full Name	ADAM19 protein, partial
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 19
NCBI Official Symbol	ADAM19
NCBI Official Synonym Symbols	MLTNB; FKSG34; MADDAM
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 19; ADAM 19; meltrin-beta; metalloprotease-disintegrin meltrin beta; metalloprotease and disintegrin dendritic antigen marker; a disintegrin and metalloproteinase domain 19 (meltrin beta)
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 19
UniProt Gene Name	**ADAM19**
UniProt Synonym Gene Names	MLTNB; FKSG34; ADAM 19; MADDAM
UniProt Entry Name	ADA19_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/adam19-bovine-ovine-elisa-kits/a-disintegrin-and-metalloprotease-19/94808