

Human A Disintegrin And Metalloprotease 9 (ADAM9) ELISA Kit | ADAM9 elisa kit

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CATALOG #
AAA331106

REACTIVITY
Human

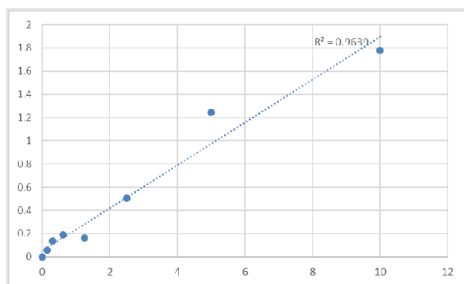
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 9 (ADAM9); Human A Disintegrin And Metalloprotease 9 (ADAM9) ELISA Kit; ADAM9; CORD9; KIAA0021; MCMP; MDC9; Mltng; ADAM metallopeptidase domain 9; a disintegrin and metalloproteinase domain 9 (meltrin gamma); cellular disintegrin-related protein; meltrin gamma; myeloma cell metall; ADAM9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human A Disintegrin And Metalloprotease 9 (ADAM9) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADAM9. No significant cross-reactivity or interference between Human ADAM9 and analogues was observed.
Sequence Length	712
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human A Disintegrin And Metalloprotease 9 (ADAM9) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADAM9 elisa kit	Description: This Human A Disintegrin And Metalloprotease 9 (ADAM9) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAM9 in samples. An antibody specific for ADAM9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAM9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAM9 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAM9 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Disintegrin and metalloproteinase domain-containing protein 9 is a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Two alternative splice variants have been identified, encoding distinct isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116496893
NCBI GeneID	8754
UniProt Accession #	Q13443
NCBI Official Full Name	ADAM9 protein
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 9
NCBI Official Symbol	ADAM9
NCBI Official Synonym Symbols	MCMP; MDC9; CORD9; Mltng
NCBI Protein Information	disintegrin and metalloproteinase domain-containing 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/human-elisa-kits/a-disintegrin-and-metalloprotease-9-adam9/331106>