

Human A Disintegrin And Metalloprotease 15 (ADAM15) ELISA Kit | ADAM15 elisa kit

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CATALOG #
AAA331100

REACTIVITY
Human

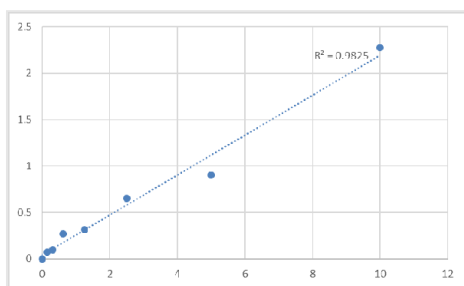
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 15 (ADAM15); Human A Disintegrin And Metalloprotease 15 (ADAM15) ELISA Kit; ADAM15; RP11-540D14.1; MDC15; a disintegrin and metalloproteinase domain 15; a disintegrin and metalloproteinase domain 15 (metargidin); metalloprotease RGD disintegrin protein; metalloproteinase-like; disinte; ADAM15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human A Disintegrin And Metalloprotease 15 (ADAM15) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADAM15. No significant cross-reactivity or interference between Human ADAM15 and analogues was observed.
Sequence Length	824
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 15 (ADAM15) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADAM15 elisa kit	Description: This Human A Disintegrin And Metalloprotease 15 (ADAM15) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAM15 in samples. An antibody specific for ADAM15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAM15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAM15 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 ADAM15 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. ADAM15 contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as an EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387849014
NCBI GeneID	8751
NCBI Accession #	NP_001248393.1
NCBI GenBank Nucleotide #	NP_001248393.1
UniProt Accession #	Q13444
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 15 isoform 7 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 15
NCBI Official Symbol	ADAM15
NCBI Official Synonym Symbols	MDC15
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 15
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 15
UniProt Gene Name	ADAM15
UniProt Synonym Gene Names	MDC15; ADAM 15; MDC-15
UniProt Entry Name	ADA15_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/human-elisa-kits/a-disintegrin-and-metalloprotease-15-adam15/331100>