

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

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CATALOG #
AAA64101

REACTIVITY
Human

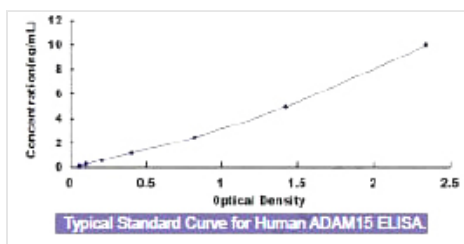
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 15 (ADAM15); Human A Disintegrin And Metalloprotease 15 (ADAM15) ELISA Kit; MDC15; Metargidin; Metalloproteinase-like; disintegrin-like; and cysteine-rich protein 15; Metalloprotease RGD disintegrin protein; ADAM15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAM15. No significant cross-reactivity or interference between ADAM15 and analogues was observed.
Sequence Length	824
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADAM15 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADAM15 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM15 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADAM15 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADAM15. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADAM15. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADAM15, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ADAM15 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387849014
NCBI GeneID	8751
NCBI Accession #	NP_001248393.1
NCBI GenBank Nucleotide #	NM_001261464.1
UniProt Accession #	Q13444; Q13493; Q53XQ0; Q5SR68; Q5SR69; Q6R267; Q71S61; Q71S62; B3KQU5; B4DLB5; B4DMH8; E9PN65
Molecular Weight	68,256 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 15 isoform 7 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase 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

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-15-adam15/64101>