

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

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CATALOG #
AAA138404

REACTIVITY
Human

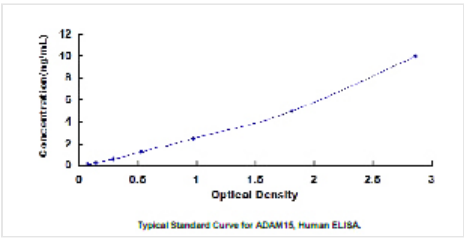
PRODUCT SYNONYMS

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 A Disintegrin And Metalloprotease 15 (ADAM15). No significant cross-reactivity or interference between A Disintegrin And Metalloprotease 15 (ADAM15) and analogues was observed.
Sequence Length	950
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level A Disintegrin And Metalloprotease 15 (ADAM15) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level A Disintegrin And Metalloprotease 15 (ADAM15) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM15 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to A Disintegrin And Metalloprotease 15 (ADAM15). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to A Disintegrin And Metalloprotease 15 (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 A Disintegrin And Metalloprotease 15 (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 A Disintegrin And Metalloprotease 15 (ADAM15) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ADAM15 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	21265058
NCBI GeneID	170689
NCBI Accession #	NP_620686.1
NCBI GenBank Nucleotide #	NM_139055.2
Molecular Weight	103,287 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 15 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif, 15
NCBI Official Symbol	ADAMTS15
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 15
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 15
UniProt Gene Name	ADAMTS15
UniProt Synonym Gene Names	ADAM-TS 15; ADAM-TS15; ADAMTS-15
UniProt Entry Name	ATS15_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.