

Human ADAM 15 (Disintegrin and metalloproteinase domain-containing protein 15) ELISA Kit | ADAM 15 elisa kit

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CATALOG # AAA250019	REACTIVITY Human
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PRODUCT SYNONYMS

ADAM 15 (Disintegrin and metalloproteinase domain-containing protein 15); Human ADAM 15 (Disintegrin and metalloproteinase domain-containing protein 15) ELISA Kit; Disintegrin and metalloproteinase domain-containing protein 15; ADAM 15; Metalloprotease RGD disintegrin protein; Metalloproteinase-like; disintegrin-like; and cysteine-rich protein 15; MDC-15; Metargidin; ADAM15; MDC15; ADAM 15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAM 15. No significant cross-reactivity or interference between ADAM 15 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM 15 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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 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.

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Online datasheet: <https://stage.aaabiotech.com/adam-15-human-elisa-kits/adam-15-disintegrin-and-metalloproteinase-domain-containing-protein-15/250019>