

Rat A Disintegrin And Metalloprotease 15, ADAM15 ELISA Kit | ADAM15 elisa kit

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CATALOG #
AAA244971

REACTIVITY
Rat

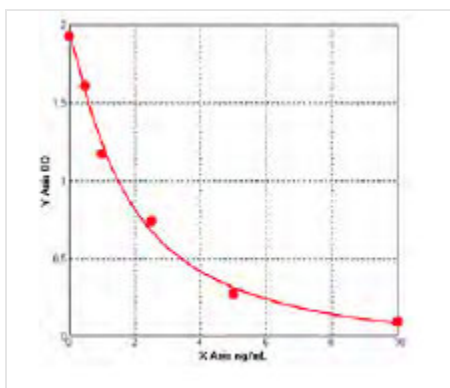
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 15; ADAM15; Rat A Disintegrin And Metalloprotease 15; ADAM15 ELISA Kit; ADAM15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM15 elisa kit

Intended Uses: This AD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AD. This ELISA kit for research use only!

Principle of the Assay: AD ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AD antibody and an AD-HRP conjugate. The assay sample and buffer are incubated together with AD-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AD concentration since AD from samples and AD-HRP conjugate compete for the anti-AD antibody binding site. Since the number of sites is limited, as more sites are occupied by AD from the sample, fewer sites are left to bind AD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AD concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45602836
NCBI GeneID	8751
Molecular Weight	68,256 Da
NCBI Official Full Name	ADAM15 isoform 8
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; MDC-15; metalloprotease RGD disintegrin protein; a disintegrin and metalloproteinase domain 15 (metargidin); metalloproteinase-like, disintegrin-like, and cysteine-rich 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/rat-elisa-kits/a-disintegrin-and-metalloprotease-15-adam15/244971>