

Rat Adrenomedullin ELISA Kit | ADM elisa kit

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CATALOG #
AAA99097

REACTIVITY
Rat

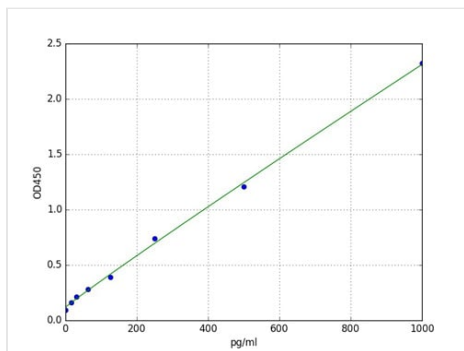
PRODUCT SYNONYMS

Adrenomedullin; Rat Adrenomedullin ELISA Kit; Adm/adrenomedullin/AM; ADM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	185
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
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)

Results of a typical standard run of a Rat ADM ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.033	0.081	0.139	0.237	0.460	1.047	1.635	2.595

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADM elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat ADM antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ADM antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Rat ADM amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ADM can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

765330

NCBI GeneID	133
Molecular Weight	20,420 Da
NCBI Official Full Name	adrenomedullin
NCBI Official Synonym Full Names	adrenomedullin
NCBI Official Symbol	ADM
NCBI Official Synonym Symbols	AM; PAMP
NCBI Protein Information	ADM
UniProt Protein Name	ADM
UniProt Gene Name	ADM
UniProt Synonym Gene Names	AM; AM; PAMP; ProAM-N20
UniProt Entry Name	ADML_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/adm-rat-elisa-kits/adrenomedullin/99097>