

Mouse adrenomedullin ELISA Kit | ADM elisa kit

Mouse adrenomedullin, ADM ELISA Kit

CATALOG #
AAA79493

REACTIVITY
Mouse

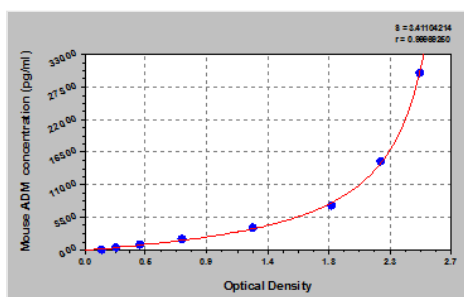
PRODUCT SYNONYMS

adrenomedullin; Mouse adrenomedullin; ADM ELISA Kit; AM; preproadrenomedullin; ADM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ADM. No significant cross-reactivity or interference between mouse ADM and analogues was observed.
Sequence Length	184
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	4.7 pg/ml-300 pg/ml
Sensitivity	< 1.2 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADM is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADM bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6752988
NCBI GeneID	11535
NCBI Accession #	NP_033757.1
NCBI GenBank Nucleotide #	NM_009627.1
UniProt Accession #	P97297; P97453; Q6GTK2
Molecular Weight	20,750 Da
NCBI Official Full Name	ADM
NCBI Official Synonym Full Names	adrenomedullin
NCBI Official Symbol	Adm
NCBI Official Synonym Symbols	AM
NCBI Protein Information	ADM
UniProt Protein Name	ADM
UniProt Gene Name	Adm
UniProt Synonym Gene Names	AM; PAMP; ProAM-N20
UniProt Entry Name	ADML_MOUSE

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.