

Mouse adrenomedullin 2 (ADM2) ELISA Kit | ADM2 elisa kit

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CATALOG #
AAA244904

REACTIVITY
Mouse

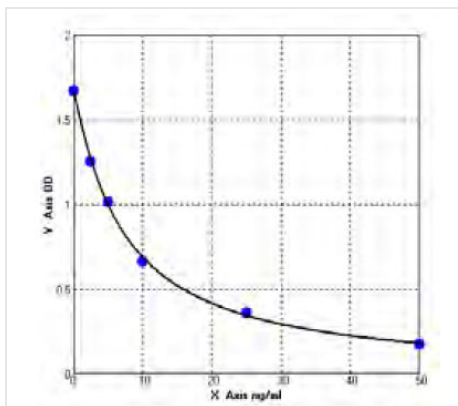
PRODUCT SYNONYMS

adrenomedullin 2 (ADM2); Mouse adrenomedullin 2 (ADM2) ELISA Kit; ADM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ADM2. No significant cross-reactivity or interference between ADM2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADM2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADM2 elisa kit	Intended Uses: This ADM2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ADM2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ADM2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADM2 antibody and an ADM2-HRP conjugate. The assay sample and buffer are incubated together with ADM2-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 ADM2 concentration since ADM2 from samples and ADM2-HRP conjugate compete for the anti-ADM2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADM2 from the sample, fewer sites are left to bind ADM2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADM2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADM2 elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	77362698
NCBI GeneID	79924
Molecular Weight	15,865 Da
NCBI Official Full Name	adrenomedullin 2
NCBI Official Synonym Full Names	adrenomedullin 2
NCBI Official Symbol	ADM2
NCBI Official Synonym Symbols	AM2; dJ579N16.4
NCBI Protein Information	ADM2; intermedin
UniProt Protein Name	ADM2
UniProt Gene Name	ADM2
UniProt Synonym Gene Names	AM2; AM2; IMDL; IMDS
UniProt Entry Name	ADM2_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.