

Human Adrenomedullin 2 (ADM2) ELISA Kit | ADM2 elisa kit

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CATALOG #
AAA67612

REACTIVITY
Human

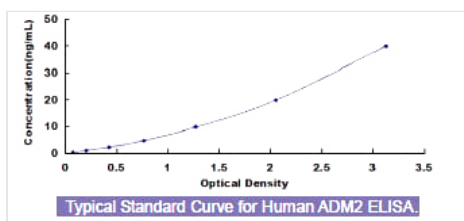
PRODUCT SYNONYMS

Adrenomedullin 2 (ADM2); Human Adrenomedullin 2 (ADM2) ELISA Kit; AM2 IMDL IMDS Intermedin; ADM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	148
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	0.214ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADM2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADM2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADM2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADM2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADM2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADM2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADM2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ADM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	359718926
NCBI GeneID	79924
NCBI Accession #	NP_001240774.1
NCBI GenBank Nucleotide #	NM_001253845.1
UniProt Accession #	Q7Z4H4; Q3LFQ0
Molecular Weight	15,865 Da
NCBI Official Full Name	ADM2 preproprotein
NCBI Official Synonym Full Names	adrenomedullin 2
NCBI Official Symbol	ADM2
NCBI Official Synonym Symbols	AM2; dJ579N16.4
NCBI Protein Information	ADM2
UniProt Protein Name	ADM2
UniProt Gene Name	ADM2
UniProt Synonym Gene Names	AM2; AM2; IMDL; IMDS

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.