

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

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CATALOG #
AAA68900

REACTIVITY
Human

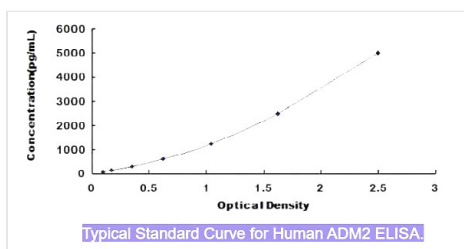
PRODUCT SYNONYMS

Adrenomedullin 2 (ADM2); Human Adrenomedullin 2 (ADM2) ELISA Kit; AM2; IMDL; IMDS; Intermedin; ADM2 rtu 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
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 26.2pg/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 kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADM2 rtu elisa kit	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. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ADM2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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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.