

Human ADM ELISA Kit | ADM elisa kit

Human ADM (Adrenomedullin) ELISA Kit

CATALOG #
AAA165552

REACTIVITY
Human

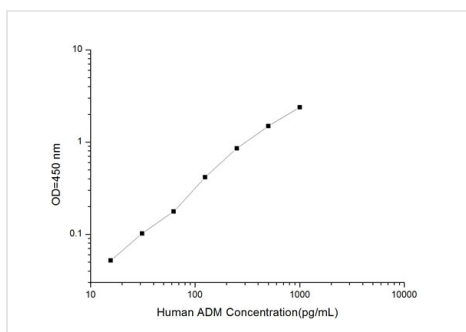
PRODUCT SYNONYMS

ADM; Human ADM (Adrenomedullin) ELISA Kit; ADM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ADM in samples. No significant cross-reactivity or interference between Human ADM and analogues was observed.
Sequence Length	188
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ADM were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ADM were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADM elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ADM. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ADM and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ADM, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human ADM. You can calculate the concentration of Human ADM in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ADM concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523022
NCBI GeneID	397195
NCBI Accession #	NP_999272.1
NCBI GenBank Nucleotide #	NM_214107.1
UniProt Accession #	P53366
Molecular Weight	20,893 Da
NCBI Official Full Name	ADM
NCBI Official Symbol	ADM
NCBI Protein Information	ADM; pro-adrenomedullin
UniProt Protein Name	ADM
UniProt Gene Name	ADM
UniProt Synonym Gene Names	AM; AM; PAMP; ProAM-N20
UniProt Entry Name	ADML_PIG

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.