

Human Endothelin-2 ELISA Kit | EDN2 elisa kit

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CATALOG #
AAA310174

REACTIVITY
Human

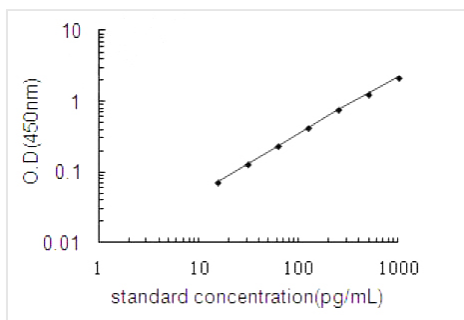
PRODUCT SYNONYMS

Endothelin-2; Human Endothelin-2 ELISA Kit; ET-2; Preproendothelin-2; PPET2; EDN2; EDN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ET-2. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	15.6 pg/mL -1000 pg/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EDN2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ET-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ET-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ET-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of ET-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human endothelin-2, ET-2 concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	698980014
NCBI GeneID	1907
NCBI Accession #	NP_001289198.1
NCBI GenBank Nucleotide #	NM_001302269.1
UniProt Accession #	P20800; Q5T1R3
Molecular Weight	19,960 Da
NCBI Official Full Name	endothelin-2 isoform 2 preproprotein
NCBI Official Synonym Full Names	endothelin 2
NCBI Official Symbol	EDN2
NCBI Official Synonym Symbols	ET2; ET-2; PPET2
NCBI Protein Information	endothelin-2
UniProt Protein Name	Endothelin-2
UniProt Gene Name	EDN2
UniProt Synonym Gene Names	ET-2; PPET2

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.

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Online datasheet: <https://stage.aaabiotech.com/edn2-human-elisa-kits/endothelin-2/310174>