

Human Endothelin-1 ELISA Kit | EDN1 elisa kit

Human Endothelin-1 ELISA Kit

CATALOG #
AAA309987

REACTIVITY
Human

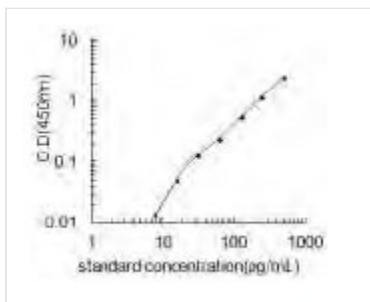
PRODUCT SYNONYMS

Endothelin-1; Human Endothelin-1 ELISA Kit; EDN1; Preproendothelin-1; PPET1; CT-proET1; C-terminal pro endothelin-1; EDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human Endothelin-1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	7.80-500 pg/mL
Sensitivity	< 3.90 pg/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EDN1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Endothelin-1 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Endothelin-1. During the reaction, Endothelin-1 in the sample or standard competes with a fixed amount of biotin- labeled Endothelin-1 for sites on a pre-coated Monoclonal antibody specific to Endothelin-1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 +/- 2 nm. The concentration of Endothelin-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	269995983
NCBI GeneID	1906
NCBI Accession #	NP_001161791.1
NCBI GenBank Nucleotide #	NM_001168319.1
UniProt Accession #	P05305; Q96DA1
Molecular Weight	24,425 Da
NCBI Official Full Name	endothelin-1 isoform 2 preproprotein
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	ET1; QME; PPET1; ARCND3; HDLCQ7
NCBI Protein Information	endothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	PPET1; ET-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/edn1-human-elisa-kits/endothelin-1/309987>