

Human endothelin 1 ELISA Kit | EDN1 elisa kit

human Endothelin 1, ET-1 ELISA Kit

CATALOG #
AAA80580

REACTIVITY
Human

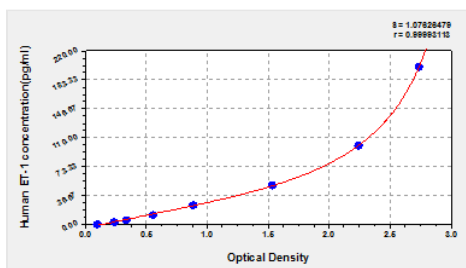
PRODUCT SYNONYMS

endothelin 1; human Endothelin 1; ET-1 ELISA Kit; ET1; HDLCQ7; preproendothelin 1; EDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human EDN1. No significant cross-reactivity or interference between Human EDN1 and analogues was observed.
Sequence Length	202
Samples	Serum, cell culture supernates, urine, saliva
Assay Type	Sandwich
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EDN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ET-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ET-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ET-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ET-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30794314
NCBI GeneID	281137
NCBI Accession #	NP_851353.1
NCBI GenBank Nucleotide #	NM_181010.2
UniProt Accession #	P17322; Q3T0C1
Molecular Weight	22,977 Da
NCBI Official Full Name	endothelin-1
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	EDN1
NCBI Protein Information	endothelin-1; ET-1; PPET1; preproendothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	ET-1; PPET1
UniProt Entry Name	EDN1_BOVIN

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/edn1-human-elisa-kits/endothelin-1/80580>