

Rabbit endothelin 1 ELISA Kit | EDN1 elisa kit

rabbit Endothelin 1, ET-1 ELISA Kit

CATALOG #
AAA80624

REACTIVITY
Rabbit

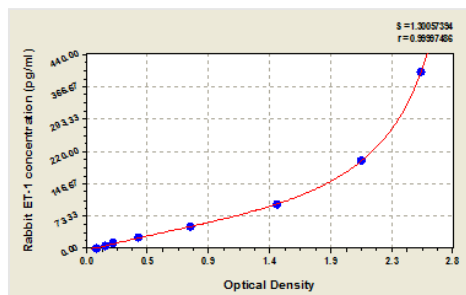
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit EDN1. No significant cross-reactivity or interference between Rabbit EDN1 and analogues was observed.
Sequence Length	202
Samples	Serum, plasma, tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 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: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ET-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for ET-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain ET-1, 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 +/- 2 nm. The concentration of ET-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 #	156119360
NCBI GeneID	100009270
NCBI Accession #	NP_001095166.1
NCBI GenBank Nucleotide #	NM_001101696.1
UniProt Accession #	P29560
Molecular Weight	22,828 Da
NCBI Official Full Name	endothelin-1
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	ET-1
NCBI Protein Information	endothelin-1; PPET1; preproendothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	ET-1; PPET1
UniProt Entry Name	EDN1_RABIT

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.