

Human Endothelin 1, ET-1 ELISA Kit | ET-1 elisa kit

Human Endothelin 1, ET-1 ELISA Kit

CATALOG #
AAA42159

REACTIVITY
Human

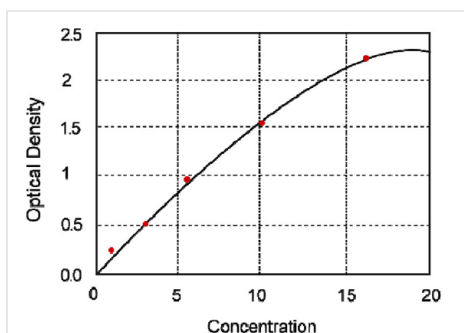
PRODUCT SYNONYMS

Endothelin 1; ET-1; Human Endothelin 1; ET-1 ELISA Kit; ET-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	212
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	2-600ng/L
Sensitivity	1.01ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ET-1 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ET-1 antibody. ET-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ET-1 Antibody is added and binds to ET-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ET-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ET-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Endothelin 1 (also known as ET-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	556203
NCBI GeneID	1906
UniProt Accession #	P05305; Q96DA1
Molecular Weight	24,425 Da
NCBI Official Full Name	endothelin-1
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/human-elisa-kits/endothelin-1-et-1/42159>