

Human Endothelin 1 ELISA Kit | ET-1 elisa kit

Human Endothelin 1 (ET-1) ELISA Kit

CATALOG #
AAA55821

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human DTNBP1. No significant cross-reactivity or interference between Human DTNBP1 and analogues was observed.
Sequence Length	211
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	10.4 pg/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ET-1 elisa kit

Intended Uses: For the quantitative detection of Human Dysbindin (DTNBP1) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate DTNBP1 in Human serum, plasma. An antibody specific for DTNBP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DTNBP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DTNBP1 is added to the wells. After washing, Streptavidin 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 DTNBP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	ET-1; PPET1

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://www.aaabiotech.com/et-1-human-elisa-kits/endothelin-1/55821>