

Human Big Endothelin ELISA Kit | Big ET elisa kit

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CATALOG #
AAA87164

REACTIVITY
Human

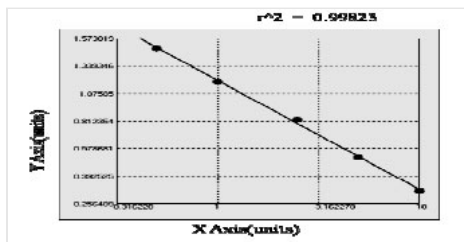
PRODUCT SYNONYMS

Big Endothelin; Human Big Endothelin ELISA Kit; Big ET elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Big ET elisa kit

Intended Uses: This Big ET ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Big ET. This ELISA kit for research use only!

Principle of the Assay: Big ET ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Big ET antibody and an Big ET-HRP conjugate. The assay sample and buffer are incubated together with Big ET-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Big ET concentration since Big ET from samples and Big ET-HRP conjugate compete for the anti-Big ET antibody binding site. Since the number of sites is limited, as more sites are occupied by Big ET from the sample, fewer sites are left to bind Big ET-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Big ET concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

556203

NCBI GeneID	1906
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; preproendothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	PPET1; ET-1
UniProt Entry Name	EDN1_HUMAN

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/big-et-human-elisa-kits/big-endothelin/87164>