

Pig endothelin 1 ELISA Kit | EDN1 elisa kit

Pig endothelin 1, ET-1 ELISA Kit

CATALOG #
AAA80500

REACTIVITY
Pig

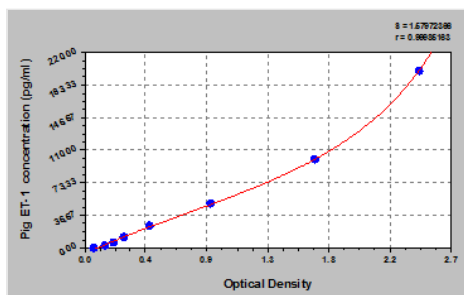
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of human ESAM. No significant cross-reactivity or interference between human ESAM and analogues was observed.
Sequence Length	203
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	78 pg/ml-5000pg/ml
Sensitivity	19.5 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 ESAM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ESAM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ESAM 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 ESAM 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 #	47523098
NCBI GeneID	396915
NCBI Accession #	NP_999047.1
NCBI GenBank Nucleotide #	NM_213882.1
UniProt Accession #	P09558
Molecular Weight	23,259 Da
NCBI Official Full Name	endothelin-1 preproprotein
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	EDN; ET1; ET-1; PPET1
NCBI Protein Information	endothelin-1; preproendothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	ET-1; PPET1
UniProt Entry Name	EDN1_PIG

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-pig-elisa-kits/endothelin-1/80500>