

Porcine Endothelin 1 ELISA Kit | EDN1 elisa kit

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CATALOG #
AAA89916

REACTIVITY
Porcine

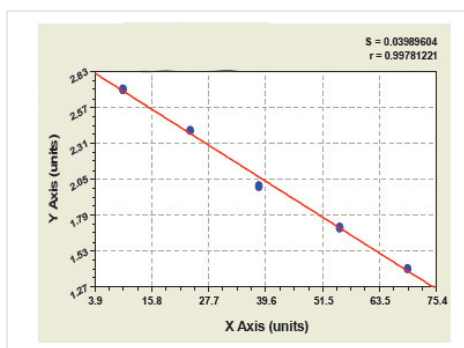
PRODUCT SYNONYMS

Endothelin 1; Porcine Endothelin 1 ELISA Kit; EDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This EDN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine EDN1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EDN1 elisa kit

Principle of the Assay: EDN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EDN1 antibody and an EDN1-HRP conjugate. The assay sample and buffer are incubated together with EDN1-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 EDN1 concentration since EDN1 from samples and EDN1-HRP conjugate compete for the anti-EDN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by EDN1 from the sample, fewer sites are left to bind EDN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EDN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for EDN1 elisa kit

[Signal Transduction](#)

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/edn1-porcine-elisa-kits/endothelin-1/89916>