

Bovine Endothelin-1 ELISA Kit | EDN1 elisa kit

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CATALOG #
AAA193270

REACTIVITY
Bovine

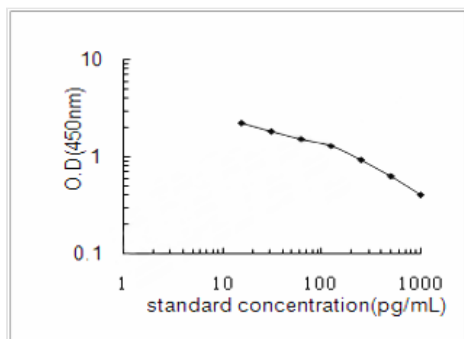
PRODUCT SYNONYMS

Endothelin-1; Bovine Endothelin-1 ELISA Kit; ET-1; Preproendothelin-1; PPET1; EDN1; EDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine ET-1. No significant cross-reactivity or interference was observed.
Sequence Length	202
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive (Quantitative)
Detection Range	15.6-1000 pg/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EDN1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine ET-1 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to ET-1. During the reaction, ET-1 in the sample or standard competes with a fixed amount of biotin-labeled ET-1 for sites on a pre-coated Monoclonal antibody specific to ET-1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ET-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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 Symbol	EDN1
NCBI Protein Information	endothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	ET-1; PPET1
UniProt Entry Name	EDN1_BOVIN

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-bovine-ovine-elisa-kits/endothelin-1/193270>