

Sheep Endothelin-1 ELISA Kit | EDN1 elisa kit

Sheep Endothelin-1 (EDN1) ELISA Kit

CATALOG #
AAA55845

REACTIVITY
Sheep

PRODUCT SYNONYMS

Endothelin-1; Sheep Endothelin-1 (EDN1) ELISA Kit; ET1; HDLCQ7; preproendothelin 1; EDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of Sheep EDN1. No significant cross-reactivity or interference between Sheep EDN1 and analogues was observed.
Sequence Length	211
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
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. 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 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for EDN1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate EDN1 in samples. An antibody specific for EDN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EDN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EDN1 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 EDN1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	57526799
NCBI GeneID	443498
NCBI Accession #	NP_001009810.1
NCBI GenBank Nucleotide #	NM_001009810.1
UniProt Accession #	Q9BG76

Molecular Weight	23,040 Da
NCBI Official Full Name	endothelin-1
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	PPET-1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/edn1-sheep-elisa-kits/endothelin-1/55845>