

Canine Big Endothelin ELISA Kit | Big ET elisa kit

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CATALOG #
AAA96149

REACTIVITY
Canine

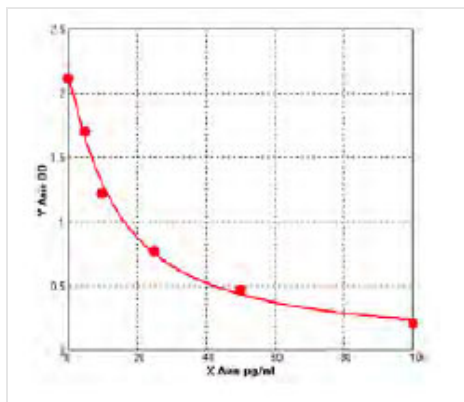
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of BEDN. No significant cross-reactivity or interference between BEDN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BEDN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/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	Principle of the Assay: BEDN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BEDN antibody and an BEDN-HRP conjugate. The assay sample and buffer are incubated together with BEDN-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 BEDN concentration since BEDN from samples and BEDN-HRP conjugate compete for the anti-BEDN antibody binding site. Since the number of sites is limited, as more sites are occupied by BEDN from the sample, fewer sites are left to bind BEDN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BEDN concentration in each sample is interpolated from this standard curve. Intended Uses: This BEDN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BEDN. This ELISA kit for research use only, not for therapeutic or test applications!
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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.