

Human Anti Endothelin 1 ELISA Kit | ET 1 elisa kit

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CATALOG #
AAA87726

REACTIVITY
Human

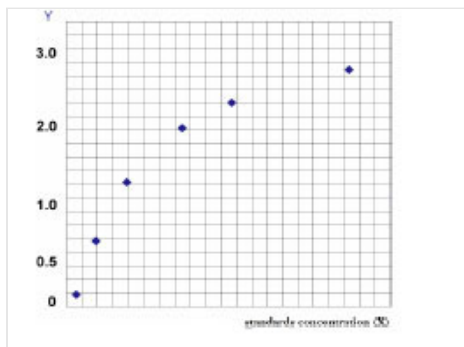
PRODUCT SYNONYMS

Anti Endothelin 1; Human Anti Endothelin 1 ELISA Kit; ET 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ET 1 elisa kit	Intended Uses: This ET-1 ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofET-1 in the sample, thisET-1 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusET-1 concentration. The concentration ofET-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This ET-1 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forET-1. Standards or samples are then added to the microtiter plate wells andET-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofET-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forET-1 are added to each well to "sandwich" theET-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containET-1 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for ET 1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	50950175
NCBI GeneID	403424
NCBI Accession #	NP_001002956.1
NCBI GenBank Nucleotide #	NM_001002956.1
Molecular Weight	22,977 Da
NCBI Official Full Name	endothelin-1
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	PPET1
NCBI Protein Information	endothelin-1; ET-1; preproendothelin-1; gene for endothelin
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	ET-1; PPET1
UniProt Entry Name	EDN1_CANFA

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.