

Mouse Anti-Endothelin 1 ELISA Kit | ET-1 elisa kit

Mouse Anti-Endothelin 1 ELISA Kit

CATALOG #
AAA84273

REACTIVITY
Mouse

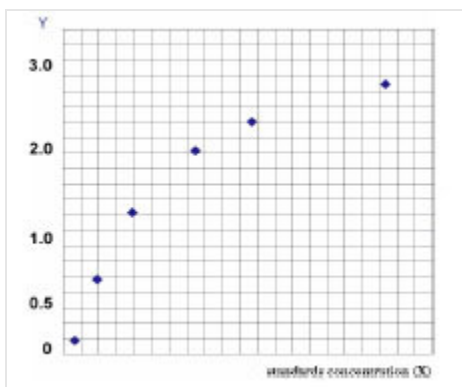
PRODUCT SYNONYMS

Anti-Endothelin 1; Mouse Anti-Endothelin 1 ELISA Kit; ET-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
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 of ET-1 in the sample, this ET-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 versus ET-1 concentration. The concentration of ET-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 for ET-1. Standards or samples are then added to the microtiter plate wells and ET-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ET-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ET-1 are added to each well to "sandwich" the ET-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 contain ET-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.

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.

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Online datasheet: <https://stage.aaabiotech.com/et-1-mouse-elisa-kits/anti-endothelin-1/84273>