

Rat Endothelin 3, ET-3 ELISA Kit | ET-3 elisa kit

Rat Endothelin 3, ET-3 ELISA Kit

CATALOG #
AAA43586

REACTIVITY
Rat

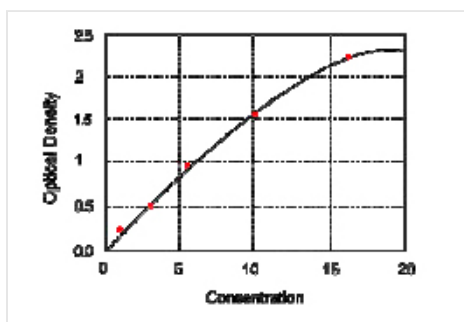
PRODUCT SYNONYMS

Endothelin 3; ET-3; Rat Endothelin 3; ET-3 ELISA Kit; ET-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	238
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-180ng/ml
Sensitivity	0.26ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ET-3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Endothelial Nitric Oxide Synthase (also known as ENOS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ENOS antibody. ENOS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ENOS Antibody is added and binds to ENOS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ENOS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ENOS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46370064
NCBI GeneID	1908
NCBI Accession #	NP_996917.1
NCBI GenBank Nucleotide #	NM_207034.2
UniProt Accession #	P14138; Q03229; Q7Z6D2; Q9UGT7; E1P5I5
Molecular Weight	23,948 Da
NCBI Official Full Name	endothelin-3 isoform 1 preproprotein
NCBI Official Synonym Full Names	endothelin 3
NCBI Official Symbol	EDN3
NCBI Official Synonym Symbols	ET3; ET-3; WS4B; HSCR4; PPET3
NCBI Protein Information	endothelin-3
UniProt Protein Name	Endothelin-3
UniProt Gene Name	EDN3
UniProt Synonym Gene Names	ET-3; PPET3

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://stage.aaabiotech.com/rat-elisa-kits/endothelin-3-et-3/43586>