

Rat Endothelin B receptor ELISA Kit | Ednrb elisa kit

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CATALOG #
AAA195435

REACTIVITY
Rat

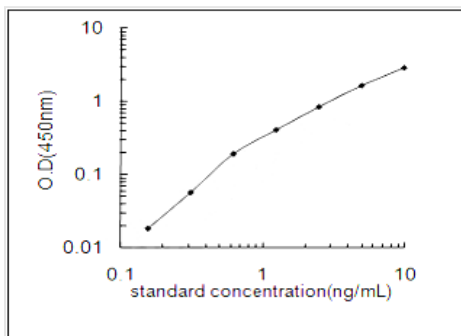
PRODUCT SYNONYMS

Endothelin B receptor; Rat Endothelin B receptor ELISA Kit; ET-B; ET-BR; Endothelin receptor non-selective type; Ednrb; Ednrb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat ET-B. No significant cross-reactivity or interference was observed.
Sequence Length	442
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=5.6%
Recovery	88%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ednrb elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat ET-B concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ET-B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ET-B and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ET-B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ET-B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393333
NCBI GeneID	50672
NCBI Accession #	NP_059029.1
NCBI GenBank Nucleotide #	NM_017333.1
UniProt Accession #	P21451
Molecular Weight	49,455 Da
NCBI Official Full Name	endothelin B receptor
NCBI Official Synonym Full Names	endothelin receptor type B
NCBI Official Symbol	Ednrb
NCBI Official Synonym Symbols	Etb; Ednra
NCBI Protein Information	endothelin B receptor
UniProt Protein Name	Endothelin B receptor
UniProt Gene Name	Ednrb
UniProt Synonym Gene Names	ET-B; ET-BR
UniProt Entry Name	EDNRB_RAT

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/ednrb-rat-elisa-kits/endothelin-b-receptor/195435>