

Monkey Endothelin receptor B ELISA Kit | ETR-B elisa kit

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CATALOG #
AAA89277

REACTIVITY
Monkey

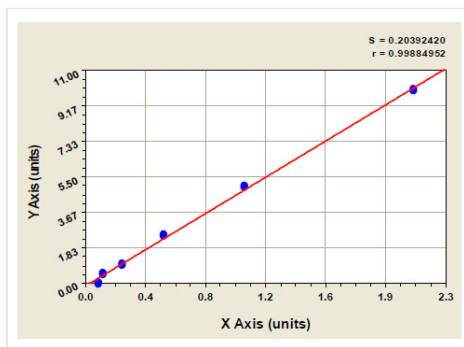
PRODUCT SYNONYMS

Endothelin receptor B; Monkey Endothelin receptor B ELISA Kit; ETR-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ETR-B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ETR-B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ETR-B elisa kit

Principle of the assay: ETR-B ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ETR-B. Standards or samples are then added to the microtiter plate wells and ETR-B if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ETR-B present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ETR-B are added to each well to "sandwich" the ETR-B immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ETR-B and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ETR-B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	443609487
NCBI GeneID	13618
NCBI Accession #	NP_001263225.1
NCBI GenBank Nucleotide #	NM_001276296.1
Molecular Weight	49,561 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; ET-B; ET-BR; ETR-b; Sox10m1
NCBI Protein Information	endothelin B receptor; piebald; endothelin receptor non-selective type
UniProt Protein Name	Endothelin B receptor
UniProt Gene Name	Ednrb
UniProt Synonym Gene Names	ET-B; ET-BR
UniProt Entry Name	EDNRB_MOUSE

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/etr-b-monkey-elisa-kits/endothelin-receptor-b/89277>