

Rat Endothelin Receptor A ELISA Kit | ETRA elisa kit

Rat Endothelin Receptor A ELISA Kit

CATALOG #
AAA84908

REACTIVITY
Rat

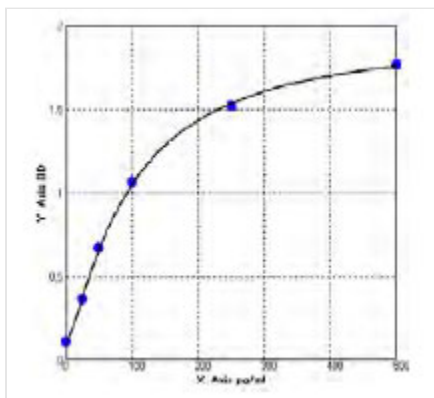
PRODUCT SYNONYMS

Endothelin Receptor A; Rat Endothelin Receptor A ELISA Kit; ETRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ETRA elisa kit	Intended Uses: This ERA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ERA. This ELISA kit for research use only! Principle of the Assay: ERA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ERA. Standards or samples are then added to the microtiter plate wells and ERA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ERA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ERA are added to each well to "sandwich" the ERA 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 ERA 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 ERA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ETRA elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	219650
NCBI GeneID	1909
Molecular Weight	23,803 Da
NCBI Official Full Name	endothelin-1 receptor
NCBI Official Synonym Full Names	endothelin receptor type A
NCBI Official Symbol	EDNRA
NCBI Official Synonym Symbols	ETA; ET-A; ETAR; ETRA; ETA-R; hET-AR
NCBI Protein Information	endothelin-1 receptor; G protein-coupled receptor; endothelin receptor subtype A; endothelin-1-specific receptor
UniProt Protein Name	Endothelin-1 receptor
UniProt Gene Name	EDNRA
UniProt Synonym Gene Names	ETA; ETRA; ET-A; ETA-R; hET-AR
UniProt Entry Name	EDNRA_HUMAN

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/etra-rat-elisa-kits/endothelin-receptor-a/84908>