

Rat Endothelin Receptor A (ETRA) RTU ELISA Kit | ETRA rtu elisa kit

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CATALOG #
AAA219693

REACTIVITY
Rat

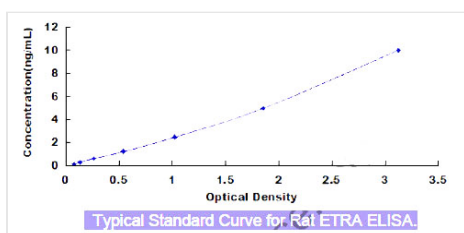
PRODUCT SYNONYMS

Endothelin Receptor A (ETRA); Rat Endothelin Receptor A (ETRA) RTU ELISA Kit; ETRA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ETRA. No significant cross-reactivity or interference between ETRA and analogues was observed.
Purity/Purification	Affinity Purification
Sequence Length	201
Samples	Rat Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.040g/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ETRA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ETRA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ETRA rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ETRA in rat serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ETRA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ETRA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ETRA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ETRA 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 #	148922889
NCBI GeneID	642658
NCBI Accession #	NP_001073983.1
NCBI GenBank Nucleotide #	NM_001080514.3
UniProt Accession #	Q7RTU7
Molecular Weight	21,596 Da
NCBI Official Full Name	basic helix-loop-helix transcription factor scleraxis
NCBI Official Synonym Full Names	scleraxis bHLH transcription factor
NCBI Official Symbol	SCX
NCBI Official Synonym Symbols	SCXA; SCXB; bHLHa48
NCBI Protein Information	basic helix-loop-helix transcription factor scleraxis
UniProt Protein Name	Basic helix-loop-helix transcription factor scleraxis
UniProt Gene Name	SCX
UniProt Synonym Gene Names	BHLHA41; BHLHA48; SCXA; SCXB; bHLHa41; bHLHa48

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.