

Rat GALR2 ELISA Kit | GALR2 elisa kit

Rat GALR2 (Galanin Receptor2) ELISA Kit

CATALOG #
AAA164139

REACTIVITY
Rat

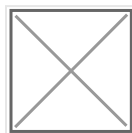
PRODUCT SYNONYMS

GALR2; Rat GALR2 (Galanin Receptor2) ELISA Kit; GALR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat GALR2. No significant cross-reactivity or interference between Rat GALR2 and analogues was observed.
Sequence Length	387
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.25-80ng/mL
Sensitivity	Min: 0.75ng/mL; Max: 80ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GALR2 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat GALR2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to GALR2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GALR2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GALR2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of GALR2. You can calculate the concentration of GALR2 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4503905

NCBI GeneID	8811
NCBI Accession #	NP_003848.1
NCBI GenBank Nucleotide #	NM_003857.3
UniProt Accession #	O43603; Q32MN8; A5JUU4
Molecular Weight	41,700 Da
NCBI Official Full Name	galanin receptor type 2
NCBI Official Synonym Full Names	galanin receptor 2
NCBI Official Symbol	GALR2
NCBI Official Synonym Symbols	GAL2-R; GALNR2; GALR-2
NCBI Protein Information	galanin receptor type 2
UniProt Protein Name	Galanin receptor type 2
UniProt Gene Name	GALR2
UniProt Synonym Gene Names	GALNR2; GAL2-R; GALR-2
UniProt Entry Name	GALR2_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/galr2/164139>