

Rat Galanin Receptor 1 ELISA Kit | GALR1 elisa kit

Rat Galanin Receptor 1 ELISA Kit

CATALOG # AAA82005	REACTIVITY Rat
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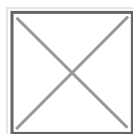
PRODUCT SYNONYMS

Galanin Receptor 1; Rat Galanin Receptor 1 ELISA Kit; GALR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GALR1 elisa kit	Intended Uses: This GALR1 ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of GALR1 in the sample, this GALR1 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus GALR1 concentration. The concentration of GALR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This GALR1 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for GALR1. Standards or samples are then added to the microtiter plate wells and GALR1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GALR1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GALR1 are added to each well to "sandwich" the GALR1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GALR1 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for GALR1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	167000885
NCBI GeneID	2587

NCBI Accession #	NP_001471.2
NCBI GenBank Nucleotide #	NM_001480.3
Molecular Weight	38,953 Da
NCBI Official Full Name	galanin receptor type 1
NCBI Official Synonym Full Names	galanin receptor 1
NCBI Official Symbol	GALR1
NCBI Official Synonym Symbols	GALNR; GALNR1
NCBI Protein Information	galanin receptor type 1; GAL1-R; GALR-1
UniProt Protein Name	Galanin receptor type 1
UniProt Gene Name	GALR1
UniProt Synonym Gene Names	GALNR; GALNR1; GAL1-R; GALR-1
UniProt Entry Name	GALR1_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/galr1-rat-elisa-kits/galanin-receptor-1/82005>