

Rat Galanin-like peptide (GALP) ELISA Kit | GALP elisa kit

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CATALOG #
AAA27152

REACTIVITY
Rat

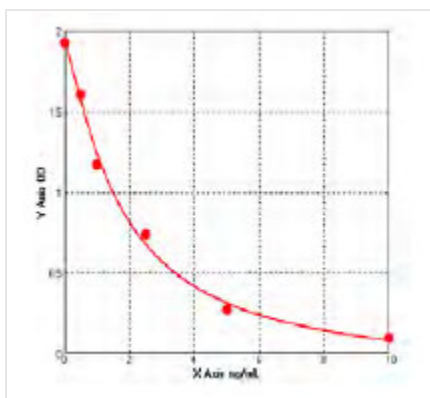
PRODUCT SYNONYMS

Galanin-like peptide (GALP); Rat Galanin-like peptide (GALP) ELISA Kit; GALP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GALP elisa kit

Intended Uses: This GALP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat GALP. This ELISA kit for research use only!

Principle of the Assay: GALP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GALP antibody and an GALP-HRP conjugate. The assay sample and buffer are incubated together with GALP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GALP concentration since GALP from samples and GALP-HRP conjugate compete for the anti-GALP antibody binding site. Since the number of sites is limited, as more sites are occupied by GALP from the sample, fewer sites are left to bind GALP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GALP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12018328
NCBI GeneID	64568
NCBI Accession #	NP_072155.1
NCBI GenBank Nucleotide #	NM_022633.1
Molecular Weight	12,600 Da
NCBI Official Full Name	galanin-like peptide
NCBI Official Synonym Full Names	galanin-like peptide
NCBI Official Symbol	Galp
NCBI Protein Information	galanin-like peptide
UniProt Protein Name	Galanin-like peptide
UniProt Gene Name	Galp
UniProt Entry Name	GALP_RAT

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://www.aaabiotech.com/rat-elisa-kits/galanin-like-peptide-galp/27152>