

Mouse galanin-like peptide ELISA Kit | GALP elisa kit

Mouse Galanin-like peptide, GALP ELISA Kit

CATALOG #
AAA112966

REACTIVITY
Mouse

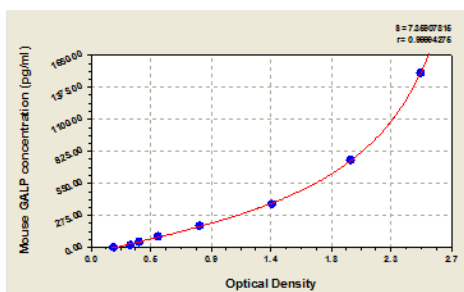
PRODUCT SYNONYMS

galanin-like peptide; Mouse Galanin-like peptide; GALP ELISA Kit; Mouse Galanin-like peptide (GALP) ELISA kit; alarin; gal-like peptide; GALP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GALP. No significant cross-reactivity or interference between mouse GALP and analogues was observed.
Sequence Length	117
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	23.44 pg/ml-1500 pg/ml.
Sensitivity	The minimum detectable dose of mouse GALP is typically less than 5.86 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GALP elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GALP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GALP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GALP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GALP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30794256
NCBI GeneID	232836
NCBI Accession #	NP_821171.1
NCBI GenBank Nucleotide #	NM_178028.2
UniProt Accession #	Q810H5; A5GXX4
Molecular Weight	12,773 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_MOUSE

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/galp-mouse-elisa-kits/galanin-like-peptide/112966>