

Mouse galanin, GAL ELISA Kit | GAL elisa kit

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CATALOG #
AAA41609

REACTIVITY
Mouse

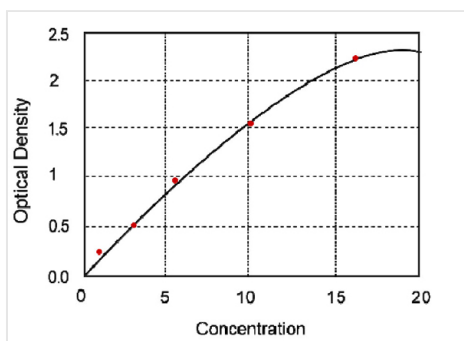
PRODUCT SYNONYMS

galanin; GAL; Mouse galanin; GAL ELISA Kit; GAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	123
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	8-1500ng/L
Sensitivity	4.47ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse GAL antibody. GAL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse GAL Antibody is added and binds to GAL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GAL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse GAL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse galanin (also known as GAL) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1247490
NCBI GeneID	51083
UniProt Accession #	P22466; Q14413
Molecular Weight	13,302 Da
NCBI Official Full Name	galanin
NCBI Official Synonym Full Names	galanin and GMAP prepropeptide
NCBI Official Symbol	GAL
NCBI Official Synonym Symbols	ETL8; GALN; GLNN; GMAP; GAL-GMAP
NCBI Protein Information	galanin peptides
UniProt Protein Name	Galanin peptides
UniProt Gene Name	GAL
UniProt Synonym Gene Names	GAL1; GALN; GLNN; GMAP

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/mouse-elisa-kits/galanin-gal/41609>