

Mouse galanin prepropeptide ELISA Kit | GAL elisa kit

Mouse galanin prepropeptide, GAL ELISA Kit

CATALOG #
AAA112676

REACTIVITY
Mouse

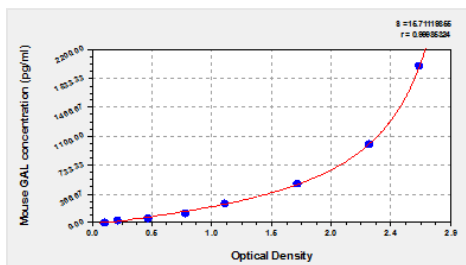
PRODUCT SYNONYMS

galanin prepropeptide; Mouse galanin prepropeptide; GAL ELISA Kit; Mouse galanin prepropeptide (GAL) ELISA kit; GALN; GLNN; GMAP; MGC40167; galanin; galanin-message-associated peptide; galanin-related peptide; GAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GAL. No significant cross-reactivity or interference between mouse GAL and analogues was observed.
Sequence Length	124
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	7.81 pg/ml.
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 GAL elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GAL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GAL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GAL 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 GAL 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 #	6753940
NCBI GeneID	14419
NCBI Accession #	NP_034383.1
NCBI GenBank Nucleotide #	NM_010253.3
UniProt Accession #	P47212
Molecular Weight	13,471 Da
NCBI Official Full Name	galanin peptides
NCBI Official Synonym Full Names	galanin
NCBI Official Symbol	Gal
NCBI Official Synonym Symbols	Galn
NCBI Protein Information	galanin peptides
UniProt Protein Name	Galanin peptides
UniProt Gene Name	Gal
UniProt Synonym Gene Names	Galn; GMAP
UniProt Entry Name	GALA_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://stage.aaabiotech.com/gal-mouse-elisa-kits/galanin-prepropeptide/112676>