

Mouse Galanin peptides ELISA Kit | Gal elisa kit

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CATALOG #
AAA56757

REACTIVITY
Mouse

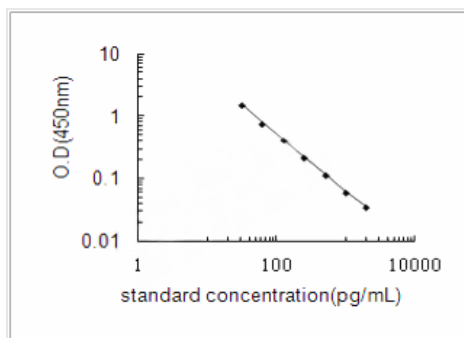
PRODUCT SYNONYMS

Galanin peptides; Mouse Galanin peptides ELISA Kit; Gal; Galn; Gal elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural human Mouse Galanin peptides. No significant cross-reactivity or interference was observed.
Sequence Length	124
Assay Type	Competitive
Detection Range	31.2-2000 pg/mL
Sensitivity	15.6 pg/mL
Intra-Assay CV	<=5.9%
Inter-Assay CV	<=8.6%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gal elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Galanin peptides concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Galanin peptides, During the reaction, Galanin peptides in the sample or standard competes with a fixed amount of biotin-labeled Galanin peptides for sites on a pre-coated Monoclonal antibody specific to Galanin peptides. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Galanin peptides in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753940
NCBI GeneID	14419
NCBI Accession #	NP_034383.1
NCBI GenBank Nucleotide #	NM_010253.4
UniProt Accession #	P47212
Molecular Weight	13,471 Da
NCBI Official Full Name	galanin peptides isoform 1 preproprotein
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.