

Human galanin prepropeptide ELISA Kit | GAL elisa kit

Human galanin, GAL ELISA Kit

CATALOG #
AAA80297

REACTIVITY
Human

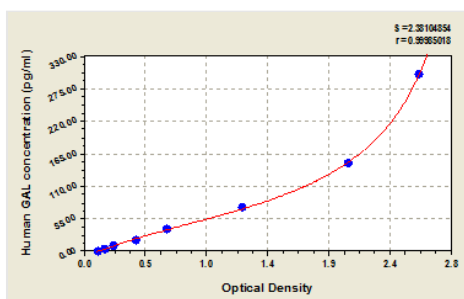
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GAL. No significant cross-reactivity or interference between Human GAL and analogues was observed.
Sequence Length	123
Samples	Serum, plasma, tissue homogenates
Detection Range	4.7 pg/ml-300 pg/ml
Sensitivity	1.17 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GAL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin conjugated antibody preparation specific for GAL and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain GAL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 GAL 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 #	27804313
NCBI GeneID	51083
NCBI Accession #	NP_057057.2
NCBI GenBank Nucleotide #	NM_015973.3
UniProt Accession #	P22466; Q14413
Molecular Weight	13,302 Da
NCBI Official Full Name	galanin peptides preproprotein
NCBI Official Synonym Full Names	galanin/GMAP prepropeptide
NCBI Official Symbol	GAL
NCBI Official Synonym Symbols	GALN; GLNN; GMAP; GAL-GMAP
NCBI Protein Information	galanin peptides; galanin prepropeptide; galanin-related peptide; galanin-message-associated peptide
UniProt Protein Name	Galanin peptides
UniProt Gene Name	GAL
UniProt Synonym Gene Names	GAL1; GALN; GLNN; GMAP
UniProt Entry Name	GALA_HUMAN

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-human-elisa-kits/galanin-prepropeptide/80297>