

Rat Glucagon-like peptide 1 receptor ELISA Kit | Glp1r elisa kit

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CATALOG #
AAA193768

REACTIVITY
Rat

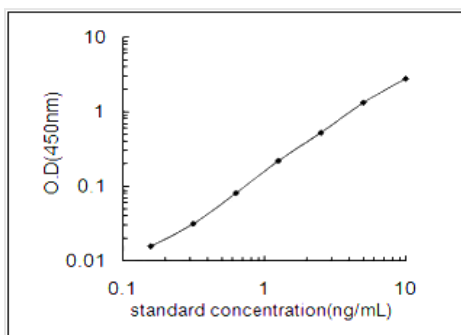
PRODUCT SYNONYMS

Glucagon-like peptide 1 receptor; Rat Glucagon-like peptide 1 receptor ELISA Kit; GLP-1 receptor; GLP-1-R; GLP-1R; Glp1r; Glpr; Glp1r elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat GLP-1 receptor. No significant cross-reactivity or interference was observed.
Sequence Length	463
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL.
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 Glp1r elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat glucagon-like peptide 1 receptor, GLP-1 receptor concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GLP-1 receptor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for GLP-1 receptor and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain GLP-1 receptor, 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 $\pm$ 2 nm. The concentration of GLP-1 receptor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7110605
NCBI GeneID	25051
NCBI Accession #	NP_036860.1
NCBI GenBank Nucleotide #	NM_012728.1
UniProt Accession #	P32301; Q64073; Q6LD83
Molecular Weight	52,877 Da
NCBI Official Full Name	glucagon-like peptide 1 receptor
NCBI Official Synonym Full Names	glucagon-like peptide 1 receptor
NCBI Official Symbol	Glp1r
NCBI Official Synonym Symbols	Glip; RATGL1RCP
NCBI Protein Information	glucagon-like peptide 1 receptor
UniProt Protein Name	Glucagon-like peptide 1 receptor
UniProt Gene Name	Glp1r
UniProt Synonym Gene Names	Glpr; GLP-1 receptor; GLP-1-R; GLP-1R
UniProt Entry Name	GLP1R_RAT

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/glp1r-rat-elisa-kits/glucagon-like-peptide-1-receptor/193768>