

Human Glucagon-like peptide 1 receptor ELISA Kit | GLP1R elisa kit

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CATALOG #
AAA310063

REACTIVITY
Human

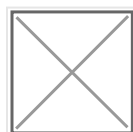
PRODUCT SYNONYMS

Glucagon-like peptide 1 receptor; Human Glucagon-like peptide 1 receptor ELISA Kit; GLP-1 receptor; GLP-1-R; GLP-1R; GLP1R; GLP1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human GLP-1 receptor. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.156 ng/mL-10.0 ng/mL.
Preparation and Storage	Store at 4 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 human 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, biotinconjugated 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 GLP-1 receptor in the samples is then determined by comparing the 0.0. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795283
NCBI GeneID	2740
NCBI Accession #	NP_002053.3
NCBI GenBank Nucleotide #	NM_002062.4
UniProt Accession #	P43220 ; Q2M229 ; Q99669

Molecular Weight	53,026 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	GLP-1; GLP-1R; GLP-1-R
NCBI Protein Information	glucagon-like peptide 1 receptor
UniProt Protein Name	Glucagon-like peptide 1 receptor
UniProt Gene Name	GLP1R
UniProt Synonym Gene Names	GLP-1 receptor; GLP-1-R; GLP-1R

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-human-elisa-kits/glucagon-like-peptide-1-receptor/310063>