

Rat Glucagon Like Peptide 2 (GLP2) ELISA Kit | GLP2 elisa kit

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CATALOG #
AAA188065

REACTIVITY
Rat

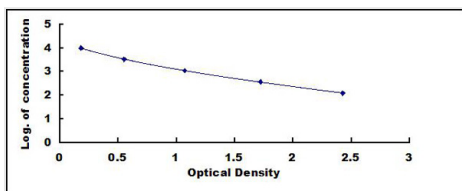
PRODUCT SYNONYMS

Glucagon Like Peptide 2 (GLP2); Rat Glucagon Like Peptide 2 (GLP2) ELISA Kit; GLP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Glucagon Like Peptide 2 (GLP2). No significant cross-reactivity or interference between Glucagon Like Peptide 2 (GLP2) and analogues was observed.
Sequence Length	180
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	123.5-10,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 48.3pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Glucagon Like Peptide 2 (GLP2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Glucagon Like Peptide 2 (GLP2) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLP2 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Glucagon Like Peptide 2 (GLP2) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Glucagon Like Peptide 2 (GLP2) and unlabeled Glucagon Like Peptide 2 (GLP2) (Standards or samples) with the pre-coated antibody specific to Glucagon Like Peptide 2 (GLP2). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Glucagon Like Peptide 2 (GLP2) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Glucagon Like Peptide 2 (GLP2) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503945
NCBI GeneID	2641
NCBI GenBank Nucleotide #	NP_002045.1
UniProt Accession #	P01275
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG
NCBI Official Synonym Symbols	GLP1; GLP2; GRPP; GLP-1
NCBI Protein Information	glucagon
UniProt Protein Name	Glucagon
UniProt Gene Name	GCG
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2
UniProt Entry Name	GLUC_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://www.aaabiotech.com/rat-elisa-kits/glucagon-like-peptide-2-glp2/188065>