

Human GLP-2 ELISA Kit | GLP-2 elisa kit

Human GLP-2 (Glucagon Like Peptide 2) ELISA Kit

CATALOG #
AAA21751

REACTIVITY
Human

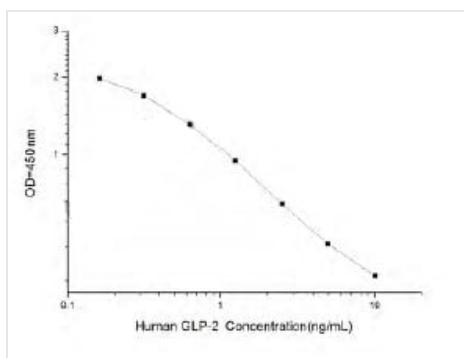
PRODUCT SYNONYMS

GLP-2; Human GLP-2 (Glucagon Like Peptide 2) ELISA Kit; GLP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human GLP-2 in samples. No significant cross-reactivity or interference between Human GLP-2 and analogues was observed.
Sequence Length	553
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human GLP-2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human GLP-2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLP-2 elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human GLP-2. During the reaction, Human GLP-2 in the sample or standard competes with a fixed amount of Human GLP-2 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human GLP-2. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are 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 stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Human GLP-2 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human GLP-2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758438
NCBI GeneID	9340
NCBI Accession #	NP_004237.1
NCBI GenBank Nucleotide #	NM_004246.2
UniProt Accession #	O95838; Q4VAT3
Molecular Weight	63,001 Da
NCBI Official Full Name	glucagon-like peptide 2 receptor
NCBI Official Synonym Full Names	glucagon-like peptide 2 receptor
NCBI Official Symbol	GLP2R
NCBI Protein Information	glucagon-like peptide 2 receptor; GLP-2 receptor
UniProt Protein Name	Glucagon-like peptide 2 receptor
UniProt Gene Name	GLP2R
UniProt Synonym Gene Names	GLP-2 receptor; GLP-2-R; GLP-2R
UniProt Entry Name	GLP2R_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/human-elisa-kits/glp-2/21751>