

Human Glucagon-like peptide 1, GLP-1 ELISA Kit | GLP-1 elisa kit

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CATALOG #
AAA11301

REACTIVITY
Human

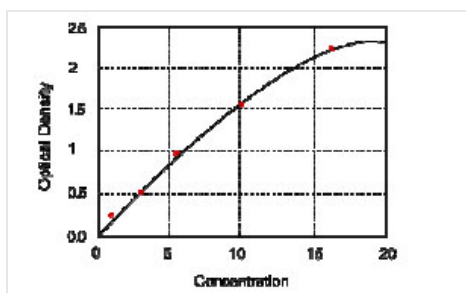
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	253
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L - 3000ng/L
Sensitivity	7.29ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLP-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glucagon-like Peptide 1 (also known as GLP-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GLP-1 antibody. GLP-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GLP-1 Antibody is added and binds to GLP-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GLP-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GLP-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	506971482
Molecular Weight	27,841 Da
NCBI Official Full Name	GLP-1, partial
UniProt Protein Name	GLP-1
UniProt Gene Name	glp-1

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/glucagon-like-peptide-1-glp-1/11301>