

Human Glucagon Like Peptide 1 ELISA Kit | GLP 1 elisa kit

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CATALOG #
AAA84436

REACTIVITY
Human

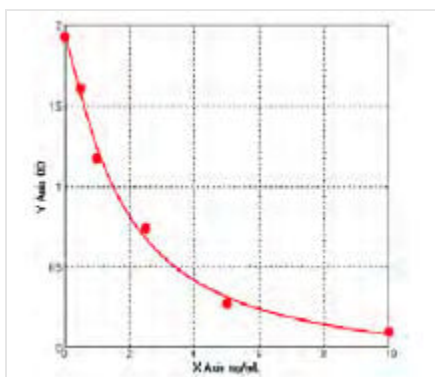
PRODUCT SYNONYMS

Glucagon Like Peptide 1; Human Glucagon Like Peptide 1 ELISA Kit; GLP 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLP 1 elisa kit

Intended Uses: This GLP-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GLP-1. This ELISA kit for research use only!

Principle of the Assay: GLP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GLP-1 antibody and an GLP-1-HRP conjugate. The assay sample and buffer are incubated together with GLP-1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GLP-1 concentration since GLP-1 from samples and GLP-1-HRP conjugate compete for the anti-GLP-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by GLP-1 from the sample, fewer sites are left to bind GLP-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GLP-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20069294
Molecular Weight	9,793 Da
NCBI Official Full Name	GLP-1, partial
UniProt Protein Name	GLP-1
UniProt Entry Name	G5EBZ0_CAEEL

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/glp-1-human-elisa-kits/glucagon-like-peptide-1/84436>