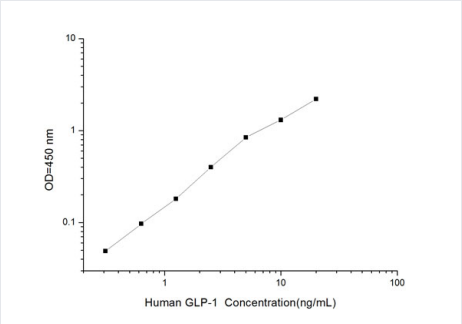
GLP-1 ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	GLP-1, ELISA Kit
Full Product Name	Human GLP-1 (Glucagon Like Peptide 1) ELISA Kit
Product Gene Name	GLP-1 elisa kit
Species Reactivity	Human
Assay Type	Quantitative Competitive
Samples	Serum, Plasma And Other Biological Fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL.
Specificity	This kit recognizes Human GHRL in samples. No significant cross-reactivity or interference between Human GHRL and analogues was observed.
Preparation and Storage	Store at 4 degree C.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human GHRL were tested on 3 different plates, 20 replicates in each plate.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human GHRL were tested 20 times on one plate, respectively
Molecular Weight	27,841 Da
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GLP-1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human GHRL concentrations in serum, plasma and other biological fluids. 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 GHRL. During the reaction, Human GHRL in the sample or standard competes with a fixed amount of Human GHRL on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human GHRL. 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 GHRL in the samples is then determined by comparing the OD of the samples to the standard curve.
Other Notes	Small volumes of GLP-1 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GLP-1 purchase	MBS2513877 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the GLP-1, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing GLP-1. The ELISA analytical biochemical technique of the MBS2513877 kit is based on GLP-1 antibody-GLP-1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect GLP-1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, GLP-1. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of GLP-1 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GLP-1. It may not necessarily be applicable to this product.

NCBI GI #	506971482
NCBI Accession #	AGM33301.1
NCBI Official Full Name	GLP-1, partial
UniProt Protein Name	GLP-1
UniProt Synonym Protein Names	GLP-1
Protein Family	Protein glp
UniProt Gene Name	glp-1
UniProt Entry Name	R4UM08_CAEBR
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/human-elisa-kits/glp-1/2513877