

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human GLP-1

Purified Factor	Product Number	HC511202B	1,000 ug
	Product Number	HC511202A	200 ug

DESCRIPTION:

Human Glucagon-Like Peptide (GLP-1) is a peptide hormone involved in the stimulation of pancreatic Beta cells to excrete insulin. GLP-1 is secreted by L cells in the intestine during ingestion of food. The production of GLP-1 by intestinal L cells is triggered by neural inputs, hormones and food nutrients. A negative feedback may exist, as insulin is reported to inhibit GLP-1 release. A member of the glucagon family of peptide hormones, includes GLP-2 and GRPP. GLP-1 is a 31 aa. protein with 3.3 kDa molecular weight.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug GLP-1
Sterile-filtered and lyophilized from PBS

BIOLOGICAL ACTIVITY: Not currently available.

HANDLING AND STORAGE:

Purified Human GLP-1 factor is provided lyophilized. Store lyophilized, at -20° C. Microcentrifuge before reconstitution (see below). Upon reconstitution in distilled or sterile water to concentration of 100.0 ug/mL, further dilute in PBS or other buffered solutions **-containing 0.1% BSA**. Store small aliquots, **with addition of 0.1% BSA**, at -20° C for long-term storage -up to 3 months, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

RESEARCH USE ONLY -NOT for DRUG USE

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