



BMA BIOMEDICALS



Peninsula Laboratories

T-4362

Rabbit anti Glucagon-Like Peptide-1 (GLP-1) (7-37) (human, bovine, guinea pig, mouse, rat)

Glucagon-Like Peptide-1 (GLP-1) (7-37) is an incretin hormone that causes glucose dependent release of insulin by pancreatic beta cells. It derives from the proteolytic cleavage of proglucagon, which gives rise to two biologically active forms, GLP-1 (7-36) and GLP-1 (7-37). Both play roles in gastric motility on the suppression of plasma glucagon levels and promote the stimulation of glucose disposal in peripheral tissues independent of the actions of insulin.

This antibody was generated by immunization of rabbits with GLP-1 (7-37) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A14788
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against GLP-1 (7-37). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Hys-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-Gly-OH coupled to carrier protein.

Cross-Reactivity:

Peptide:	%:
GLP-1 (7-37) (human)	100
GLP-1 (1-37) (human)	100
GLP-1 (7-36) amide (human)	<0.1
GLP-2 (human)	0
Glucagon (1-29) (human, bovine, porcine)	0
Insulin (human)	0
Secretin (human)	0
GIP (human)	0
VIP (human, bovine, porcine, rat)	0
GRF (human)	0

Related Products: T-4361: rabbit anti GLP-1 (7-37), diluted antiserum
 T-4363: rabbit anti GLP-1 (7-37), neat antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

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