



BMA BIOMEDICALS



Peninsula Laboratories

T-4880

Rabbit anti Liraglutide

Liraglutide is an acylated glucagon-like peptide-1 (GLP-1) agonist, derived from human GLP-1-(7-37), a less common form of endogenous GLP-1. It reduces meal-related hyperglycemia, delaying gastric emptying, and suppressing prandial glucagon secretion. Liraglutide is sold as a medication used to treat diabetes mellitus type 2 and obesity.

The prolonged action of liraglutide (as compared to endogenous GLP-1) is achieved by attaching a fatty acid molecule at one position of the GLP-1-(7-37) molecule, enabling it to both self-associate and bind to albumin within the subcutaneous tissue and bloodstream. The active GLP-1 is then released from albumin at a slow, consistent rate.

This antibody was generated by immunization of rabbits with Liraglutide coupled to a carrier protein.

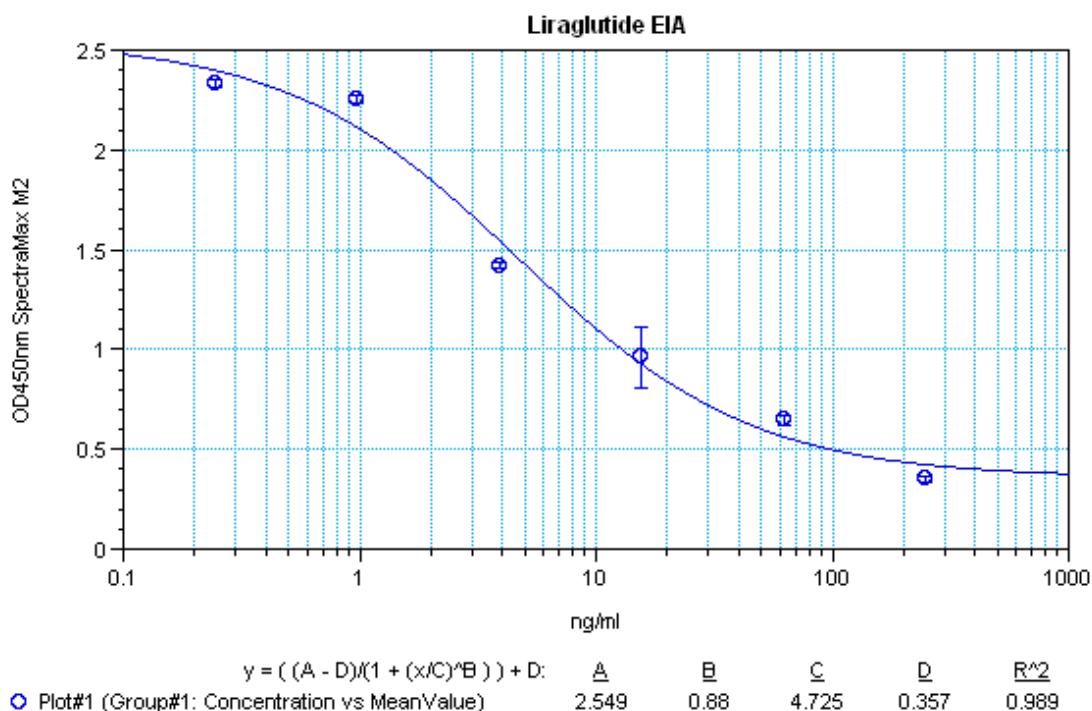
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A18PO21140
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), 6mg/ml bovine serum albumin (BSA) as a stabilizer, and 0.05% (w/v) ProClin 150 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 Liraglutide and in immunohistochemistry (IHC). Other applications like 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-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-(γ -Glu-palmitoyl)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH coupled to carrier protein.

Cross-Reactivity:

PEPTIDE: Liraglutide **%:** 100

Typical titration curve of Liraglutide in a competitive ELISA with this antibody:



Related Products: S-1502: ELISA, high sensitivity for extracted samples

This product contains ProClin 150 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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