



BMA BIOMEDICALS



Peninsula Laboratories

T-4057

Rabbit anti Glucagon-Like Peptide 1 (GLP-1) (7-36) amide (human, bovine, guinea pig, mouse, rat) [UniProt: P01275, P01272, P05110, P55095, P06883]

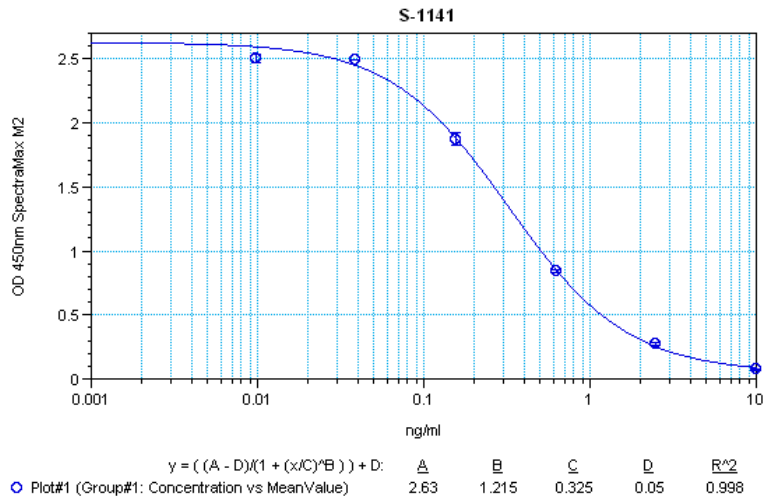
Glucagon-Like Peptide 1 (GLP-1) (7-36) amide is an incretin hormone that causes the glucose dependent release of insulin by pancreatic beta cells. It is the cleavage product of GLP-1 (1-36) amide peptide. GLP-1 is involved in gastric motility, the suppression of plasma glucagon levels, and possibly in the promotion of satiety and stimulation of glucose disposal in peripheral tissues, independent of the actions of insulin.

This antibody was generated by immunization of rabbits with Glucagon-Like Peptide 1 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A18PO2163
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
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 Glucagon-Like Peptide 1 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-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-NH ₂ coupled to carrier protein.

Typical titration curve of GLP-1 in a competitive ELISA with this antibody:



Related Products:

- S-1359: ELISA, extraction-free for human samples
- S-1141: ELISA, high sensitivity for extracted samples
- S-1360: ELISA, extraction-free for rat samples
- T-4111: anti GLP-1 (7-36) ,purified IgG
- T-4056: anti GLP-1 (7-36), diluted antiserum

This product contains no 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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6.09.2021