



BMA BIOMEDICALS



Peninsula Laboratories

---

## T-4111

### **Rabbit anti Glucagon-Like Peptide (GLP-1) (7-36) amide (human, bovine, guinea pig, mouse, rat) Elisa [UniProt: P01275, P01272, P01274, P55095, P32301]**

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**

<b>Lot number:</b>	A16117
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	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.
<b>Stability:</b>	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.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against GLP-1. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	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 <sub>2</sub> coupled to carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
GLP-1 (7-36) amide (human)	100
GLP-1 (7-37) (human)	0.4
GLP-1 (1-37) (human)	0.2
GLP-2 (human)	0
Glucagon (1-29) (human)	0
Insulin (human)	0
GIP (human)	0
Secretin (human)	0
VIP (human, bovine, porcine, rat)	0

**Related Products:**

S-1511: ELISA, high sensitivity for extracted samples  
T-4057: anti GLP-1 (7-36), neat antiserum  
S-1359: ELISA, extraction-free for serum and plasma samples  
T-4363: 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.

T-4111

rabbit IgG

17.6.2020