

**SPA804Mi01 100µg**

**Synthetic Glucagon Like Peptide 1 (GLP1)**

**Organism Species: Homo sapiens (Human)**

**Mus musculus (Mouse)**

**Rattus norvegicus (Rat)**

**Cavia (Guinea pig)**

**Canis familiaris; Canine (Dog)**

**Bos taurus; Bovine (Cattle)**

**Ovis aries; Ovine (Sheep)**

**Sus scrofa; Porcine (Pig)**

***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

## [ PROPERTIES ]

**Source:** Protein Conjugation

**Original Peptide Residues:** His98-Gly128

**Purity:** >90%

**Traits:** Freeze-dried powder.

**Buffer formulation:** PBS, pH7.4.

**Predicted isoelectric point:** 5.6

**Predicted Molecular Mass:** 3.36kDa

**Applications:** Immunogen; Coating Antigen; Blocking Peptide; ELISA.

Note: 100% cross-reactivity of GLP1 was observed among human, mouse, rat, cavia, canine, bovine, ovine and porcine.

## [ USAGE ]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCE ]

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## [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.