

# Lixisenatide Biosimilar - Research Grade

**Product Code:** ICH5649

**More Information**

**Species Reactivity:** Human

**Target:** GLP1R<sup>1/2</sup>

**Concentration:** 5mg/ml

**Host:** CHO Cells

**product name H2:** Lixisenatide Biosimilar - Research Grade

**Sequence:** <https://www.imgt.org/mAb-DB/>

**Buffer:** ICH3002

**UniProt:** P43220

**Shipping Conditions:** Blue ice

**background:** The glucagon-like peptide-1 receptor (GLP-1R) governs insulin secretion and metabolic signaling, making it a heavily studied receptor in diabetes and metabolic research. This reagent is an unconjugated, non-therapeutic analog of lixisenatide designed to engage GLP-1R for functional studies. It is supplied in a low-endotoxin format suitable for in vivo experiments and manufactured in scalable milligram-to-gram quantities to keep bulk and high-throughput laboratories supplied. For research use only (RUO), it is well suited to receptor-binding and signaling assays, cAMP and insulin-secretion readouts, in vitro screening, and preclinical metabolic disease models, where it can serve as both a control and an active probe.

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >90% by SDS-PAGE



**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

**Applications:** Functional Assays

**Application Notes:** This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.

**Delivery Time:** 3-4 weeks