

Advancing Solutions in GLP-1R Agonist & Antagonist Development

Our state-of-the-art facilities and expert team provide comprehensive services in the production, validation, and quality control of these crucial therapeutic molecules. We specialize in supporting the development of both Liraglutide and Semaglutide, ensuring the highest standards of precision and reliability.

Why Work with Us?



Industry-leading expertise

We combine the latest technologies in peptide synthesis and assay development with our researcher's expertise to deliver exceptional results.



Tailored solutions

We understand that every project is unique. Our customizable services are designed to meet your specific needs, from production to potency validation.



Uncompromising quality

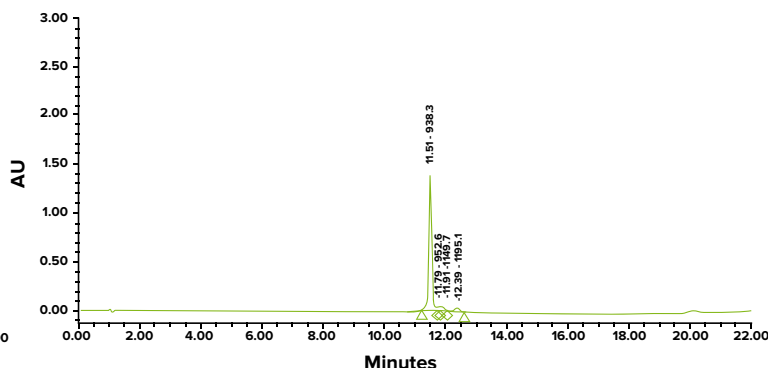
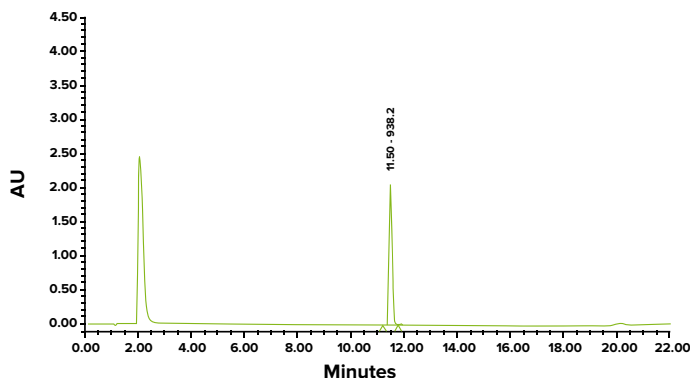
We adhere to the strictest quality standards and regulatory guidelines, ensuring the safety and efficacy of your product.

Our Services

Production of Isotope-Labeled Liraglutide or Semaglutide

Using advanced continuous flow peptide synthesis, we produce high-purity Liraglutide and Semaglutide, including isotope-labeled variants for precise Mass Spectrometry (MS) applications, ensuring consistent quality for your research

LC-MS data demonstrating structural integrity



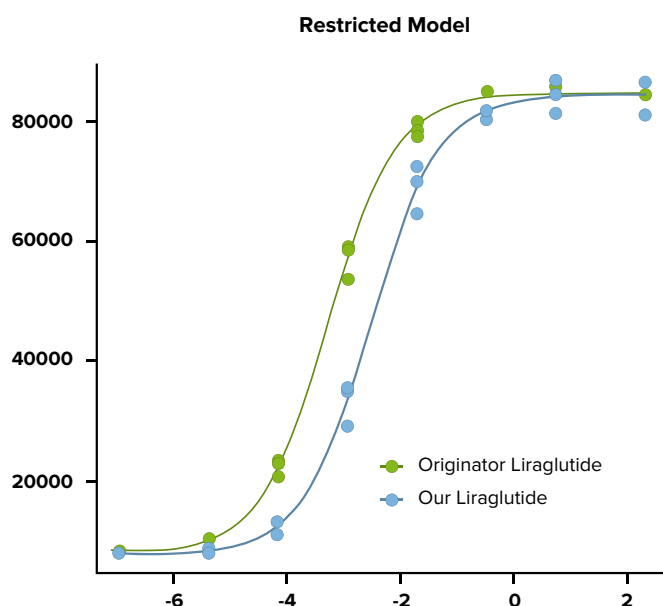
Sample	Parameter	Originator Liraglutide	Bioassay's Liraglutide
Peak Area		15712463	10243172  65% compared to originator
Found mass (Expected mass 3751 Da)		938.2 (m/z) single quad (3752.8 Da)	938.2 (m/z) single quad (3752.8 Da)

LC-MS data shows that our Liraglutide is structural consistency with the originator

Cell-Based Potency Assays for GLP-1R Agonists

We provide reliable cell-based assays to evaluate the biological activity of GLP-1R agonists, such as Liraglutide and Semaglutide, supporting your drug development with robust data.

Relative Potency of our Liraglutide vs. Originator in GLP-1R Expressing Cells



Potency Ratio Benchmark activity via theoretical or prior experimental data = 65%	0.59045
95% Confidence Interval	0.55213-0.63142
Relative Confidence Interval	13.43%
Specific Activity	91%

Potency data shows our Liraglutide is biologically active and demonstrates good potency (59%). The assay results are precise and reliable, as indicated by the narrow confidence interval (13.43%) and specific activity close to expected levels.

Let's Discover Together.

Take your GLP-1R agonist development to the next level. Speak to an expert.



Version 1.0
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