

Achieving Sensitivity for Bioanalysis

Mass spectrometry

TSQ Certis triple quadrupole mass spectrometer

Beyond the box. Beyond the bottleneck.

Quantitative bioanalysis of oligonucleotides and GLP-1 analogs

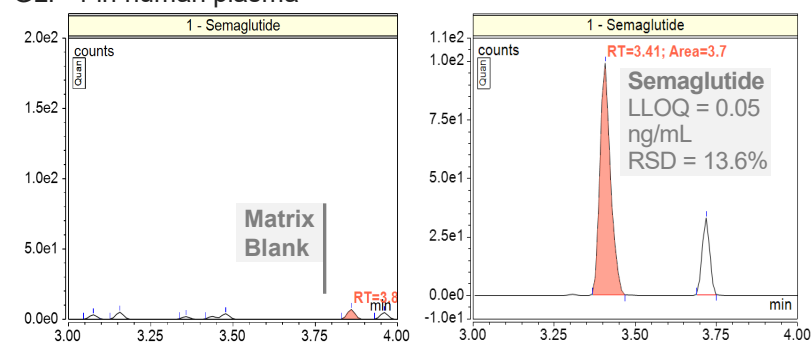
The Thermo Scientific™ TSQ Certis™ Triple Quadrupole Mass Spectrometer (MS) achieves sensitivity standards for bioanalysis at exceptional value. The development of LC-MS assays for GLP-1 peptides and oligonucleotide therapeutics has advanced rapidly as biopharmaceutical programs increasingly demand highly selective, quantitative methods for pharmacokinetic (PK) and biomarker studies. Both molecule classes present complex analytical challenges—GLP-1 analogs due to their size, instability, and endogenous background; oligonucleotides due to their polarity, charge, and susceptibility to degradation.

Purpose-built for reliability and performance

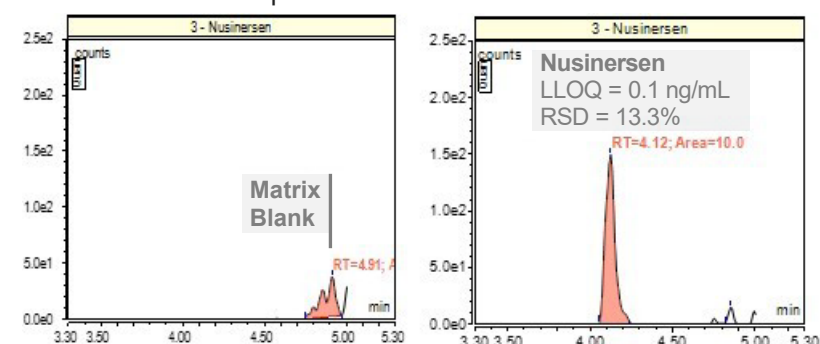
The TSQ Certis MS is equipped with next-generation hardware for exceptional robustness and sensitivity, and advanced software for compliance-ready operation. It empowers biopharmaceutical, clinical research, toxicology, environmental, and food safety labs to achieve higher uptime and superior analytical results.

Quantitative performance

GLP-1 in human plasma



Nusinersen in human plasma



Highly sensitive bioanalysis workflows with exceptional value



Learn more at thermofisher.com/TSQCertis

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