

Advanced LC-MS/MS Solutions for Bioanalysis

Why choose us?

- Streamlined Method Development, Transfer and Validation
- Regulated GLP Pre-clinical and Clinical GCP Sample Analysis
- Pharmacokinetic (PK) & Toxicokinetic (TK) analysis
- Rapid Fit-for-Purpose Non-Regulated Bioanalysis
- High-Resolution Mass Spectrometry (HR-MS) for Quantitative Assessments

Comprehensive Expertise

With extensive experience in quantitative analysis of drugs, metabolites, and biomarkers, Unilabs Pharma Solutions aim to deliver innovative solutions for complex challenges.

Discovery Bioanalysis

We offer tailored bioanalytical services for in vitro and in vivo discovery studies.

We perform quantitative analysis of drugs, metabolites and biomarkers in matrices including plasma, blood, dried blood, urine, bile, tissue homogenate and in vitro samples.

We provide data and guidance to support discovery studies including in vitro assessments, PK, PKPD, and exploratory toxicology.

Regulatory Bioanalysis

Our scientists specialise in analysing small molecules, peptides, proteins and biomarkers by LC-MS/MS.

We deliver solutions for complex challenges such as hybrid assay for proteins and biomarkers, sub pg/mL LLOQs, unstable analytes, unusual matrices, pro-drugs and similar applications.

First-in-Human Studies

We are a specialist lab focused on providing robust, reliable data with efficient turnaround of PK data for first-in-human samples.

Patient Centric Sampling

We are experienced in PK support of patient centric sampling and micro sampling studies.

We offer expert guidance on developing patient centric sampling strategies for development programs.

Rigorous Compliance

We adhere to GLP and GCP for regulatory bioanalysis, upholding the highest analytical standards in the industry.

Our team possesses expert knowledge of regulatory guidelines, including FDA, EMA, and ICH, ensuring compliance in all testing services.

Instrumentation

LC-MS/MS Systems (20+):

- Waters™ Xevo TQ Absolute, TQ-XS, TQ-S, SCIEX™ TQ 6500+, API 5000 and 4000

UPLC and HPLC Systems:

- Waters™ Acquity UPLC FTM/FLI, Agilent 1290/1260/1200
- Thermo Scientific Vanquish/Ultimate 3000 UHPLC

HRMS:

- Thermo Scientific Orbitrap Exploris and Q-Exactive, Waters™ Vion IMS Q-ToF

Additional Equipment:

- Spark Holland Symbiosis Pharma, Hamilton Microlab STAR Plus



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