

LC-MS/MS Bioanalytical Solutions

Introduction

Synexa delivers advanced LC-MS/MS and LC-UV bioanalysis via a state-of-the-art, purpose-built UK facility. With over 20 years' experience, the team brings a personal, responsive approach to high-quality, regulated and non-regulated studies.

Mass Spectrometry Bioanalytical Services

Clinical Bioanalysis

Robust, regulatory-compliant quantification of drugs, metabolites, or biomarkers in clinical trial samples to support PK/PD and therapeutic monitoring

GLP Bioanalysis

High-integrity, GLP-compliant bioanalytical services for non-clinical safety and toxicokinetic studies, ensuring data traceability and regulatory readiness

Discovery Bioanalysis

Rapid, fit-for-purpose bioanalytical support for early-stage drug discovery, enabling lead optimisation and preclinical decision-making

Non-Regulated Bioanalysis

Agile bioanalytical support for early-stage research, enabling rapid decision-making in lead optimisation, PK screening, and biomarker exploration

Why Synexa

- Rapid Phase 1 turnaround times (72 hours)
- Purpose-built 16,500 sq ft facility near Manchester Airport
- Extensive expertise in developing novel non-clinical and clinical bioanalytical methods across all therapeutic areas
- Scientifically led, consultative approach
- GLP and GCP-compliant

Modalities

- Small molecules
- Peptides
- Oligonucleotides
- Proteins
- ADCs
- PROTACs and molecular glues

Matrices Analysed

- | | |
|----------|----------|
| • Plasma | • Brain |
| • Serum | • Liver |
| • Blood | • Spleen |
| • CSF | • Kidney |
| • Saliva | • Eyes |
| • Urine | • Muscle |
| • Sputum | |

Platforms

LC-MS/MS systems:

- Waters Premier iClass UPLC with Waters TQ Absolute MS/MS
- Waters iClass UPLC with Waters TQ-S MS/MS
- Sciex 6500 MS/MS with Exion UPLC System
- Waters TQ-D MS/MS with Waters Acquity Pump and CTC Autosampler
- HPLC-DAD systems
- Watson LIMS system

Discuss your programme with a scientist

Speak directly with a Synexa scientist about your Mass Spectrometry requirements today.
Email our team at contactus@synexagroup.com to get started.