

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 I turnaround times
- Purpose-built 16,500 sqft facility near Manchester Airport
- Vast expertise to develop novel non-clinical and clinical bioanalytical methods from all therapeutic areas
- Scientifically led, consultative approach
- GLP and GCP Compliant

Modalities

- Small molecules
- Peptides
- Oligonucleotides
- Proteins
- ADCs

Matrices Analysed

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

Platforms

9 x LC-MS/MS systems:

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

Discuss your program 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.