

# 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 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

## Matrices Analysed

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

## Platforms

### 9 x LC-MS/MS systems:

- 2x Waters Premier iClass UPLC with Waters TQ Absolute MS/MS
- 3x Waters iClass UPLC with Waters TQ-S MS/MS
- 3x Sciex 6500 MS/MS with Exion UPLC System
- 1x Waters TQ-D MS/MS with Waters Acquity Pump and CTC Autosampler
- 2x 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](mailto:contactus@synexagroup.com) to get started.