

# Bioanalytical Services

We provide Bioanalytical support for all stages of drug development from preclinical studies (non-GLP and GLP) through all phases of clinical development (Phase I-IV) for both small and large molecules.

## LC-MS/MS Analysis of Small & Large Molecules

We have more than one hundred dedicated Bioanalytical scientists working with the latest equipment to ensure compliant and on-time regulatory submissions. We are continually expanding our extensive list of validated small molecule methods and have also validated multiple methods for large molecules using LC-MS quantification.

### Mass Spectrometry Equipment Includes:

- Sciex QTrap 5500 with highly selective MRM3
- Sciex QTrap 6500 with highly selective MRM3
- HRMS/QTOF AB Sciex TT5600



## Capabilities

- Bioanalytical Biomarker Quantification
- Dried Blood Spot Analysis
- Drug-Drug Interactions
- Endogenous Compounds
- High Throughput Quantitative Methods
- Large Molecule Quantification by LC-MS
- Metabolite ID
- Protein Binding
- Tissue Analysis
- Unstable Metabolite Quantification

## Ligand Binding Assays

Our scientists work with sponsors in a collaborative approach to transfer, develop, optimize and validate assays using customized designs.

### Ligand Binding Platforms Include:


- Mesoscale Electrochemiluminescence Sector Imager
- BioTek Synergy H4 Multimode Plate Reader using Absorbance, Alpha, Fluorescence or Luminescence
- BioTek EL406 Microplate Washer/Dispenser
- Luminex 200 System
- SQI Diagnostics' Ig\_PLEX™ multiplexing technology



## Capabilities

- Quantitative ELISA Assay Development
- Enzymatic Activity Assessment
- Immunogenicity Assessment
  - Screening, Confirmatory and Titer Assays
  - ADA Isotyping and IgG subgrouping
- Protein Binding Assessment
- Hybridization Assays
- Single or Multiplexed Biomarkers

For more  
**information**  
please contact us at:

 **450.973.6077**  
**1.888.267.7449**

 **contact@algorithme.com**  
 **www.algorithme.com**