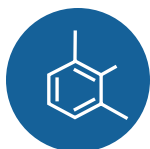




Bioanalysis Services

As one of the largest bioanalytical LC/MS/MS service providers in the U.S., we specialize in developing and validating robust bioanalytical methods for the quantification of API and metabolites in various biological matrices, using LC/MS/MS (HPLC, UPLC, 2-D chromatography), HPLC/UV, and HPLC/Fluorescence techniques. We provide industry-leading small molecule bioanalysis for drug development.



Bioanalysis for Small Molecules



Regulated Bioanalysis

Method development, GLP validation, and transfer, using LC/MS/MS (HPLC, UPLC, 2-D Chromatography), HPLC/UV, and HPLC/Fluorescence techniques.

GLP sample analysis and clinical sample analysis, to support toxicokinetic, tissue distribution, Phase I-IV, clinical pharmacology, drug-drug interaction, and BA/BE studies.

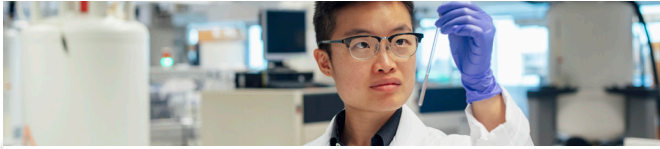


Discovery Bioanalysis (non-GLP)

Method development, using LC/MS/MS, HPLC/UV, and HPLC/Fluorescence techniques.

Non-GLP bioanalysis and pharmacokinetic (PK) screening, to assist with lead candidate selection decisions and to support discovery PK and early preclinical studies.

Methods can later be adapted and validated for regulated preclinical and clinical studies.



High-Throughput Bioanalysis

For sponsors needing high-throughput bioanalysis of clinical study samples, we have 25 LC/MS/MS systems, most coupled with UPLC systems, and the capacity to inject at least six plates of samples unattended.



Pharmacokinetic Analysis & Reports

Model dependent or model independent PK/TK analysis of bioanalytical data from discovery, preclinical, GLP toxicology, and clinical studies.

Biological Matrices Analyzed

We have experience analyzing API and metabolites in the following biological matrices:

- Whole blood
- Serum
- Plasma
- Dried blood spot (DBS)
- Urine
- Fecal homogenate
- Spinal cord homogenate
- Tumor homogenate
- Aorta homogenate
- Ocular tissue
- Vitreous fluid
- Aqueous humor
- Skin tissue
- Brain tissue
- Muscle tissue
- Lung tissue
- Liver tissue
- Kidney tissue
- Synovial fluid
- Gastric fluid
- Cerebrospinal fluid (CSF)
- Bronchial lavage fluid
- Sputum
- Endothelial lining fluid (ELF)
- Bone marrow
- Perilymph

Contact us for more info
or to request a quote.

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