



Bioanalytical & Biomarker Services

Capabilities

KCAS Bioanalytical Services is a bioanalytical and immunoanalytical contract research organization (CRO) supporting pharmaceutical and biotechnology companies with their discovery, preclinical and clinical development program. For 35 years our mission has been to produce reliable, high quality results for small molecule, large molecule and biomarker analysis.

Small Molecule Bioanalysis

Our experienced LC-MS/MS team is known for its creative and innovative approaches to solving complex analytical issues. Our scientists focus on rapid turn-around for method development, validation and sample analysis.

- GLP method development
- Non-GLP discovery support
- Method transfer for sponsor-supplied methods
- High throughput analysis of biological samples for preclinical and clinical studies
- Clinical trial support for global studies and customized sample collection kits
- Large sample storage capacity for reliable sample tracking

Biomarker Assay Services

- In-depth knowledge and experience in method development and kit adaption
- Fit-for-Purpose method qualification/validation
- Single-plex and multiplex analysis
- Measurements in both animal and human matrices
- Nominal or no-cost qualification of most multiplex panels

kcasbio.com/ah

Large Molecule Bioanalysis

Our large molecule team uses state-of-the-art immunoanalytical technologies to support all aspects of large molecule bioanalysis for preclinical and clinical studies.

- Ligand-binding assay (LBA) method development
- Method transfer and optimization
- Pre-study LBA method validation
- Analyze samples from PK, TK, PD and vaccine efficacy studies

Alkaline Hematin Assay Services

KCAS has developed the Alkaline Hematin (AH) biomarker, a rapid spectrophotometric assay, acknowledged as the definitive MBL efficacy biomarker by regulatory agencies and recognized experts in the women's health field.

Facilities & Equipment

- 33,000 sq ft laboratory centrally located in the Greater Kansas City area
- 15 AB Sciex LC-MS/MS Systems (5500QTrap, 5000, 4000, 3000) with UPLC
- Genalyte Maverick™ Detections System, MSD Imager 6000
- ELISA and RIA instruments
- Precellys 24 homogenizer + automation tools