

Our mission is to deliver bioanalytical excellence

Toxicology Services



Our 100 years of combined scientific experience includes:

Dose Range Finding/Maximum Tolerated Dose Studies

- Toxicological and Toxicokinetic

Acute/ Subacute / Subchronic / Chronic Studies

- 7, 14, 28 and 90 Day and 6 Month duration
- Single and repeated dose administration

Comprehensive Dosing Routes

- PO, IV, IP, DC, IM, Dermal or Therapy specific

Industry standard Data Acquisition and Reporting

- SEND

Pharmacokinetics (PK)

Rapid In-Vivo Study Execution

- Cannulated rat models to allow for serial blood collection
- Mouse models
- Rapid report turn around times

Seamless Bioanalytical Partner Workflow Streams

Fully Integrated Deliverable Based Solutions



Agilex Biolabs and its Partners

In-house	Partners/Outsourced
All in-vivo activities	Histopathology
Clinical Pathology	Genetox
Necropsy	hERG / Ames
Reporting	Safety Pharmacology
Dose Solution Analysis	Second species studies
Bioanalysis	
Quality Assurance	

Get in touch with our expert scientists to learn more about how we can help you deliver your next project.

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Bioanalytical Expertise

Bioanalytical Services for preclinical and clinical services to ensure success in your preclinical and clinical programs:



What do we do?

- Pharmacokinetic (PK) analysis (biologics, small molecules, biosimilars)
- Pharmacodynamics (PD) analysis (biomarker solutions, immunogenicity studies, cell based assays)

How we do it?

- Method feasibility
- Method transfer, development and validation.
- Sample analysis
- Long-term matrix stability
- Bioequivalence studies
- Dose Formulation analysis
- Cell based assays (cellular biomarkers, receptor occupancy, neutralising anti-drug antibody assays, immunophenotyping)

Therapeutic Solutions:

- Cell and Gene Therapy
- Immuno-oncology
- Oncology
- Biosimilars
- Antibody-Drug Conjugates (ADCs)

Sophisticated technology for bioanalysis testing:

LC-MS/MS

- AB Sciex API 6500+ and Sciex API 4500 LC-MS/MS



Immunoassay / Immunobiology

- MSD Quickplex SQ120
- Gyrolab xPlore™
- Spectramax Paradigm™
- Nanodrop
- Luminex MAGPIX xPONENT™
- BD FACSymphony™ A3 20 colour flow cytometry analysers
- BioRad digital droplet qRTPCR
- AID Elispot/Fluorospot

