

Our mission is to deliver bioanalytical excellence

# Toxicology Services



**Our 100 years of combined scientific experience includes:**

**Dose Range Finding / Maximum Tolerated Dose Studies**

- Toxicology and Toxicokinetic

**Acute / Subchronic / Chronic Studies**

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

**Comprehensive Dosing Routes**

- PO, SC, IV, IP, IM, Dermal

**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
- Vaccines
- 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 qRT-PCR
- AID Elispot/Fluorospot

