

Explora BioLabs is a San Diego-based contract research organization (CRO) that provides preclinical *in vivo* contract research services to the biotech, pharmaceutical and academic communities. Explora is managed by scientists, for scientists. In-depth scientific knowledge, reliable experimental skills and excellent customer service are our strengths. We provide extensive services in pharmacokinetics, biodistribution and toxicology.

Expertise in *In Vivo* Research

Explora's research team has:

- Extensive experience in drug discovery and development
- Expertise with both small molecules and biologics
- Excellent technical capabilities
- Established IACUC protocols for studies in rodents and other small animals
- State radiation license

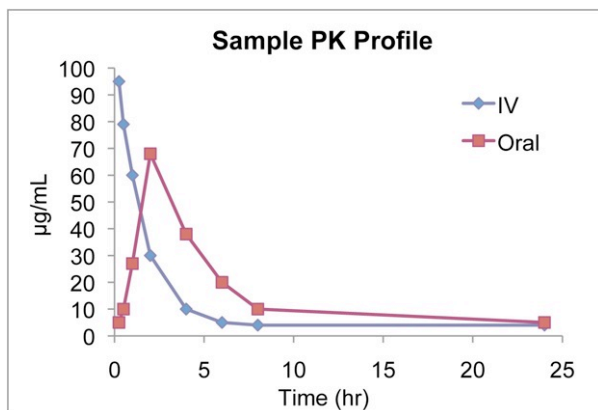
We can assist with:

- Pharmacokinetic and biodistribution studies in small animals
- Non-GLP, exploratory toxicity testing in small animals
- GLP-like report generation
- Custom study design

Species

Animal Species available at Explora for PK, biodistribution and toxicology studies include:

- Rodents (rat and mouse)
- USDA regulated animals (guinea pig, hamster, ferret and rabbit)



Pharmacokinetics and Biodistribution

Drug Administration Routes commonly used in PK/biodistribution studies include:

- IP, IV, IM, SC, PO
- Arterial
- Continuous infusion using mechanical or osmotic pumps
- Nasal mucosa, nasal cavity or tracheal/bronchial (inhaled aerosols)

Study Design can include the following:

- Single or repeat dose administration
- Continuous infusion
- Tissue collection with or without perfusion to determine biodistribution
- Biodistribution using radiolabeled compounds

Non-GLP Toxicology Studies

Why Non-GLP Toxicity Studies in Rodents?

- Obtain toxicology data in early stages of drug development
- Cost effective guidance for your GLP toxicology program

Tolerance and Safety Studies:

- Maximum Tolerated Dose (MTD)
- Dose Range Finding (DRF)
- Acute Toxicology
- Sub Chronic Toxicology (repeated dose)

Contact us to find out how Explora can help you contain costs, meet timelines, and achieve your preclinical research goals.