



LAMPIRE
BIOLOGICAL LABORATORIES

45 YEARS **STRONG**

LAMPIRE.COM / LAMPIRE@LAMPIRE.COM / (215) 795-2838

NON-GLP RAT

PHARMACOKINETICS



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With LAMPIRE's state of the art vivariums and expert technical staff we offer a wide variety of customized services. LAMPIRE takes great care to make your research goals our top priority through attention to detail and communication. LAMPIRE offers our clients the highest quality services backed by AAALAC accreditation, OLAW assurance, and licensure by the USDA. LAMPIRE's core value of exemplary animal care is the foundation for high quality research. Coupled with exacting attention to drug delivery protocols, sample collection and data integrity, LAMPIRE sets the standard for PK/ADME studies.

Advantages:

- Studies are performed at our on-site, high-tech vivarium located in Pennsylvania.
- Protocols are reviewed and approved by our IACUC committee
- Process is performed under veterinarian guidance to assure the humane treatment of laboratory animals.
- Our Quality Management System analyzes all aspects of the process to ensure that all guidelines are followed.

Strain:

Sprague-Dawley (Standard) Other Strains available upon request.

Gender:

Male or Female are available

Organ Collections:

Heart, Lungs, Brain, Brain Regions isolation, Dorsal Root Ganglion, Lymph nodes, Kidneys, Spleen and Liver

In Vivo PK Services

- In-house vascular and intestinal cannula implantations
- PK/PD Modeling
- Micro-serial sampling
- Multi-dose/ dose proportionality/drug-drug interaction studies/food consumption studies
- Intravenous (IV), Oral (PO), Subcutaneous (SC), Intramuscular (IM), Intranasal, Intraocular, dermal, sublingual, osmotic pump and or implant dosing

ADME Services

- Bile duct cannulation with duodenal return/ with or without JVC
- Tissue distribution/brain penetration
- Blood, urine, feces, lymph and tissue sampling
- CSF collection in mice and rats
- Tissue perfusion and collection
- Lab animal metabolism caging

PK Support Services

- In-house surgical model development
- In-house vascular and non-vascular catheterization
- Soft tissue procedures
- Bio specimen collection/tissue perfusions
- In house formulation: including single, cassettes and vehicle preparations



THE LAMPIRE ADVANTAGE!



Experienced technical partner
with over 45 years servicing
the life science industry



Knowledgeable and responsive
sales / customer service staff



Competitive pricing, from
research sized to bulk quantities



Customizable products available
to meet your specifications