

Sinclair Research Center provides GLP-compliant general toxicology services in our new state-of-the-art facility near Columbia, Missouri.

Toxicology Services

- ☛ Non-GLP (Discovery) and GLP Studies
 - *Pilot/Range Finding Studies*
 - *Acute/Single Dose/MTD*
 - *14-Day and 28-Day Repeat Dose*
 - *Sub-chronic and Chronic Exposures*
- ☛ Rodent and Non-Rodent
- ☛ Repeat-Dose Dermal Irritation in Minipigs
- ☛ Target Animal Safety Studies
- ☛ FDA Redbook Feeding Trials

Test Facility

- ☛ AAALAC Accredited Facility Since 1995
- ☛ Rodents
- ☛ Miniature swine (Sinclair, Yucatan, Hanford)
- ☛ Rabbits
- ☛ Housing for Other Species Available (goat, sheep, horses)
- ☛ High Capacity for Large & Small Animal Species
- ☛ Canines
- ☛ Non-Human Primates
- ☛ Felines

Routes of Dose Administration

- ☛ Parenteral (IV/SC/IM/IP)
- ☛ Ocular
- ☛ Intranasal
- ☛ Oral (gavage / liquid / tablet / capsule)
- ☛ Intracoronary / Intraventricular
- ☛ IV Infusion
- ☛ Rectal / Intravaginal
- ☛ Auricular
- ☛ Dermal / Intradermal / Transdermal patch
- ☛ Vascular Access Ports (VAP) (percutaneous access)

Supporting Components for Toxicology Studies

- ☛ Toxicokinetics
- ☛ Board Certified Veterinary Ophthalmologist
- ☛ Board Certified Veterinary Cardiologist
- ☛ GLP-Compliant Clinical Pathology
- ☛ Small and Large Animal Necropsy Suite
- ☛ Board Certified Veterinary Pathobiologist for Histopathology

Analytical Support – Alliance Partner Service

- ☛ Discovery and GLP-compliant bioanalytical chemistry services
- ☛ Sample Analysis-Routine Bioanalysis
 - *Quantitative Analysis of Drug and Metabolites in Biological Matrices*
 - *Dose Formulation Analysis, Interference Testing*
- ☛ Analytical Method Development, Validation (Full, Cross, & Partial), Method Transfer & Sample Analysis (LC-MS/MS, HPLC, ICP-MS, and Immunoblots)
- ☛ Metabolite Characterization & Identification
- ☛ Immunoassays
 - *ELISA*
 - *Method Development and Validation, Routine Sample Analysis*
- ☛ SRC can also work with the Sponsor's in-house analytical laboratory or with a Sponsor designated analytical laboratory in support of the studies.