

Infectious Disease Clinical Trial Support

In the face of a relentless array of infectious diseases and pathogens, preclinical research and testing stands as a critical line of defense. Southern Research is dedicated to providing comprehensive preclinical infectious disease services, empowering researchers to combat these threats and develop medical countermeasures.

FROM CONCEPT TO THE CLINIC - FULL SPECTRUM INFECTIOUS DISEASE CRO

- o Partnered with small to large biopharma worldwide
- o Completed Phase I through Phase III clinical trial sample analysis
 - o Influenza, SARS-CoV-2, Mpox, Vaccinia, and Dengue
 - o Conducted 10 studies over last 5 years
- o GCLP compliant and GCLP trained staff
- o Validated Sample Management tracking system
- o Technical teams certified on gold standard assays
- o Development, qualification and validation of new assays
- o Clinical trial kit assembly and distribution services

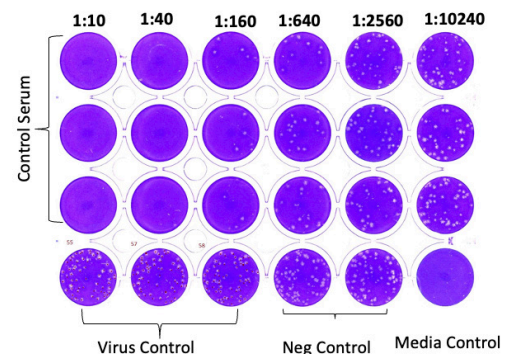
IMMUNOGENICITY ASSAYS FOR VACCINES

- o SARS-CoV-2 MN
- o Zika FRNT
- o Dengue FRNT
- o Vaccinia PRNT
- o Monkeypox PRNT
- o Influenza MN/HAI

MOLECULAR VIROLOGY FOR VACCINE VIRAL LOAD & EFFICACY

- o Influenza RT-PCR
- o Dengue RT-PCR
- o Vaccinia PCR
- o Monkey Pox PCR
- o SARS CoV-2 TCID50
- o Influenza TCID50

MONKEYPOX VALIDATED PRNT



Southern Research Sample Management: Powered by FreezerWorks 15 Summit Edition

Southern Research's Sample Management team is excited to upgrade to FreezerWorks 2015 Summit Edition to keep valuable samples secure and organized. This reliable system ensures compliance with regulatory and industry standards. As science evolves, so do our needs, and Southern Research is excited to explore the upgrade to the latest FreezerWorks 2022 version. With Southern Research, your samples are always in safe hands.



SAMPLE TRACKING

- **Detailed Sample Profiles:** Captures and stores extensive sample data encompassing origin, type, quantity, and experimental conditions for each sample.
- **Customizable Fields:** Ability to tailor sample profiles to accommodate specific research needs, ensuring all critical information is documented.
- **Intuitive Search:** Sample location using powerful search filters and a user-friendly interface, saving valuable research time.
- **Chain of Custody Tracking:** Maintains a complete audit trail for each sample, documenting every movement within sample management from receipt to disposal, providing a transparent record of sample history.

OPTIMIZED SAMPLE UTILIZATION AND STORAGE:

- **Real-Time Inventory Visibility:** Immediate insight into freezer capacity and sample location to optimize storage space allocation.
- **Automated Expiration Alerts:** Prevents wasted samples and ensures timely utilization with expiration date notifications.
- **Configurable Storage Rules:** Defines ideal storage conditions for different sample types to maintain sample integrity.

UNMATCHED SECURITY AND COMPLIANCE:

- **Advanced User Permissions:** Controlled access to samples and sensitive data based on user roles and designated research projects.
- **CFR Compliance:** Ensures adherence to regulatory requirements with detailed audit trails and electronic signatures.
- **Secure Data Storage:** Protects valuable sample data with industry-leading security protocols.

