

BIOANALYTICAL SERVICES

Utilizing American-made equipment and reagents, Scorpius BioManufacturing develops custom assays to profile your molecule and test your clinical trial samples, allowing the seamless progression of your product throughout its lifecycle.

Beginning with the end in mind, we design pre-clinical analytical test methods and IND-enabling programs that easily transfer to cGMP production. Guided by a deep understanding of your product from its early stages of development, we offer well-defined analytical testing methods and robust analytical programs. These analytical packages support cGMP manufacturing, ensuring safe, effective, and consistent products that meet the demands of leading regulatory bodies.

Work With Us.

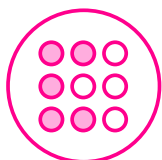
Robust Bioassay and Bioanalytical Capabilities Supporting All Stages of Product Development

Pre-Clinical & Product Development Assays

- Bioanalytical Sampling
- Cell-Based Potency Assays
- Comprehensive Immune Profiling
- Molecular Assays

Clinical Trial Support Services

- Automated Whole Blood Fractionation
- Clinical PK / Bioavailability Studies
- Flow Cytometry-Based Assays
- Functional Immune Profiling
- Immunogenicity Testing
- PK / PD Analysis



Pre-IND Analytical Services



CMC Analytical Support



Clinical Trials Support

CMC Analytical Testing Services

- Product Stability Testing
- cGMP Lot Release Testing
 - Adventitious virus testing
 - Endotoxin
 - Host cell protein
 - *In vitro* and *in vivo* virus screen
 - Mycoplasma
 - Process residuals
 - Product identity
 - Product potency
 - Product purity
 - Product titer/concentration
 - Residual DNA
 - Retrovirus testing
 - Sterility or bioburden

Bioassays

- Cell-Based Assays
 - Apoptosis
 - Cell proliferation
 - Cell sorting
 - Neutralizing antibody
 - Potency
- Immunoassays
 - Capillary electrophoresis-SDS
 - Capillary isoelectric focusing
 - Cytokine analysis
 - ELISA
 - Flow cytometry
 - Fluorescent microscopy
 - Multi-array biomarker analysis
 - Spectral flow cytometry
- Molecular Assays
 - qPCR
 - Surface plasmon resonance

Behind-the-Scenes: Scorpius' State-of-the- Art Lab

Scorpius safeguards the integrity of biomarker data throughout the entire workflow. The following is just one example of a clinical sample workflow leveraging our in-house technology platforms and expertise from collection to data analysis.

