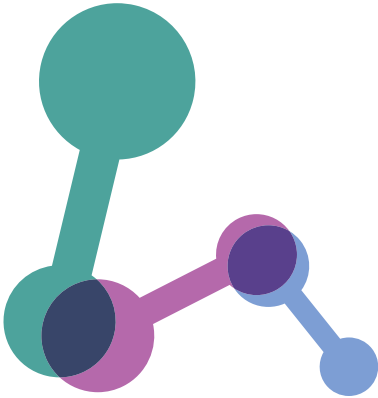




LARGE MOLECULE



Large molecule bioanalytical includes a wide range of technologies and techniques to ensure assays are fit for purpose for each program's needs. Lovelace Biomedical has the facility, equipment and, scientific expertise to meet your needs in large molecule studies from lead selection, to pharmacology, to regulatory submission. This includes methods to support pharmacokinetics, toxicokinetic, bioavailability, and biomarker methods. The technology platforms these methods leverage include binding methods (ELISA, MSD), flow cytometry, and cell-based assays. Lovelace can support the development, transfer, validation, and sample analysis for your program while meeting current regulatory guidance with regards to GLP requirements for both PK/TK methods and biomarkers. This breadth of experience makes Lovelace Biomedical your partner for large molecule bioanalysis.

CAPABILITIES

Our large molecule laboratories utilize state of the art equipment, a wide range of technology platforms and established relationships with regulatory experts. These methods support peptide/ protein, antibody, vaccine and cell and gene therapy drug development. Lovelace offers a single site with the capabilities to develop, transfer, validated and analyze samples while meeting current regulatory requirements.

HIGHLIGHTS



- Method Development
- Method Transfer
- Method Validation
- Sample analysis: PK, TK, ADA and Biomarker

INSTRUMENTATION



- BD FACSymphony Flow Cytometry
- Molecular Decices Plate Readers
- KingFisher Sample Purification Systems
- ImmunoSpot S6 and S5 Readers
- Meso Scale Discovery SQ 120MM Plate Readers
- Tecan/Eppendorf/TomTec Liquid Handlers