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Medicilon offers comprehensive toxicology study services designed to assess the safety profile and poten-



- Single/multiple dose
- Carcinogenicity
- Irritation study on blood vessel, muscle and eyes
- Pharmacodynamics
- Reproduction Toxicity
- Tissue cross reaction



- Blood biochemistry, hematology, coagulation, & urine analysis
- Bone marrow smear reading
- Lymphocyte
- *In vitro* hemolysis



Our bioanalysis services for small molecules, including peptide and oligonucleotide, support every phase of drug development from discovery to market. With over 20 years of regulatory experience and most advanced technologies and strategies, we deliver precise, on-time and high-quality data for PK, TK, PD, biodistribution, and biomarker assays. We specialize in developing and validating robust bioanalytical methods for the quantification of API and metabolites in various biological matrices, using LC-MS/MS with HPLC, UPLC etc.



Our bioanalytical lab specializes in large molecule bioanalysis, offering comprehensive services including PK, TK, immunogenicity testing, and biomarker discovery. We have developed and validated 500+ bioanalytical methods for macromolecules including protein, antibody, ADC, peptide, CAR-T, CAR-NK, Lytic virus, etc. We also provide customized bioanalytical solutions, developing and validating unique methods to address specific large molecule research challenges.



Medicilon's preclinical pharmacology and toxicology unit features a professional SEND format conversion team and a fully developed SEND data conversion platform (submit™ platform) encompassing software, technology, specifications, and quality control. This ensures accurate data conversion and facilitates seamless electronic data submission to the FDA.

