

Discovery Support

Eurofins AvTech Laboratories is uniquely qualified to address a wide range of specialized analytical challenges encountered during the drug discovery process. Our ability to deal with these distinct issues originates from our vast, collective experience with drug discovery and development projects in major pharmaceutical companies. Specifically, our scientists have significant expertise in the following areas:

- Absorption/Excretion and Tissue Distribution Studies
- Pharmacokinetics and Bioavailability Studies in Animal Models
 - Study design, data analysis & reporting
- Radioanalysis (^{14}C , ^3H and ^{125}I) of Biological Specimens for Preclinical or Clinical Studies
- Toxicokinetic Study Design, Data Analysis & Reporting
- *In Vitro* and *In Vivo* Plasma Protein Binding
- Metabolite Profiling
- Dose Formulation Support for ADME and Toxicology Studies
- Drug Solubilization and Physio-chemical Profiling Expertise
- Mass Balance Analysis
 - Stomacher homogenization of fecal samples
 - Sample oxidation
 - One-day turn-around of total recoveries possible
 - High recoveries achieved even in cases of slow and extensive fecal excretion

