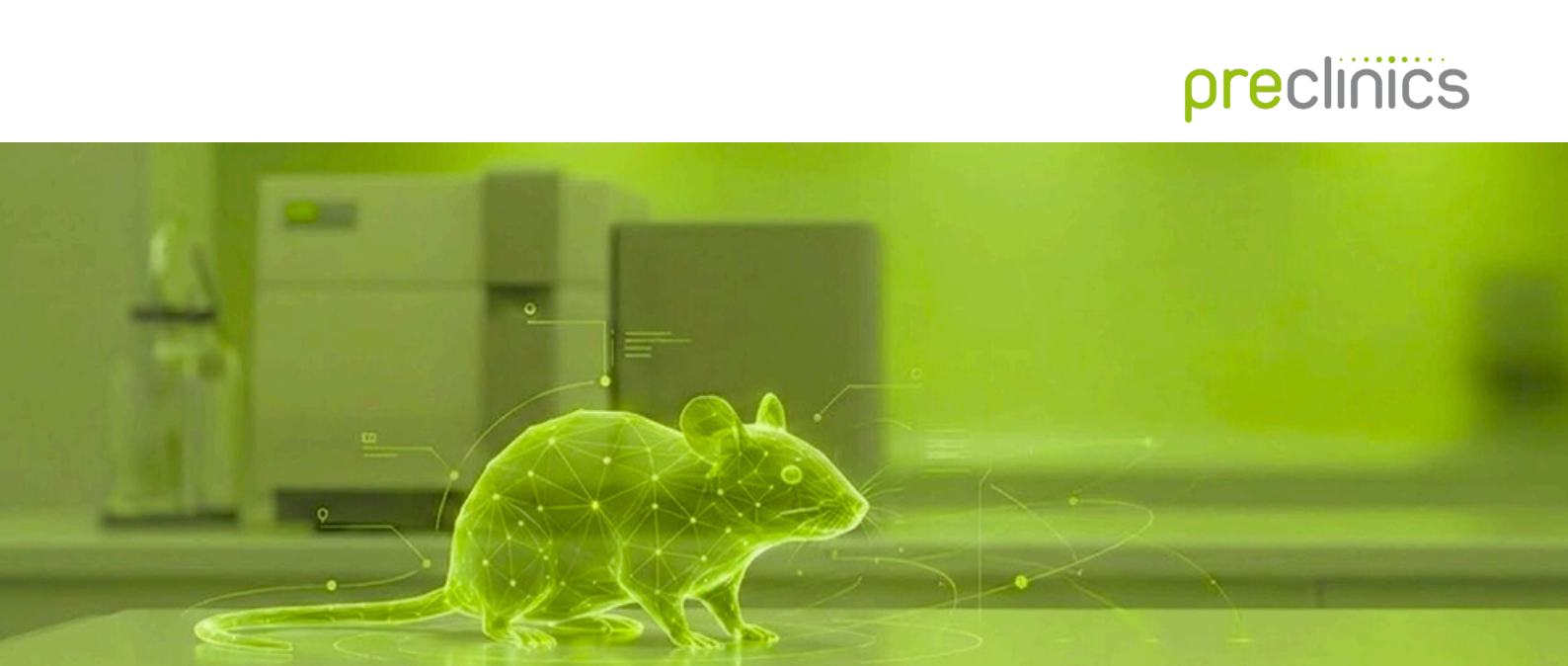




Advanced Biodistribution & Tissue Profiling Services

Biodistribution and tissue profiling provide a comprehensive map of how therapies interact with biological systems. By quantifying drug concentration and off-target accumulation, these services deliver the essential safety and efficacy data required for regulatory approval.

Utilizing high-sensitivity methods like ECLIA, Western Jess and ddPCR, we provide precise quantification across diverse organs and cell types. This integrated approach offers the evidence-based foundation necessary to accelerate preclinical development and ensure therapeutic success.

All assays are developed and validated according to study-specific requirements and high animal welfare standards.

Service	Key Features	Value for the Client
Organ Harvesting	Brain, Liver, Kidneys, Spleen, Heart, Lung, Bone Marrow, Lymph Nodes	Complete mapping of drug distribution and off-target accumulation
Cell Isolation	Splenocytes, Bone Marrow cells, Blood cells (PBMCs), specialized tissue cells	Enables downstream ex-vivo analysis (e.g., Flow Cytometry or Cell Culture)
Analytical Methods	Integration with ECLIA, Jess, and ddPCR for protein/RNA quantification.	Highest sensitivity for detecting even trace amounts of your drug
Tumor Profiling	Precise measurement of compound concentration in primary tumors or metastases	Direct proof of compound delivery and occupancy in the target tissue

Species	Strains / Models
Mice	Standard & Immunodeficient strains (ideal for tumor-specific distribution)
Rats	Preferred for large-scale tissue harvesting and detailed organ-to-plasma ratios