

Immunoassays & Biomarkers

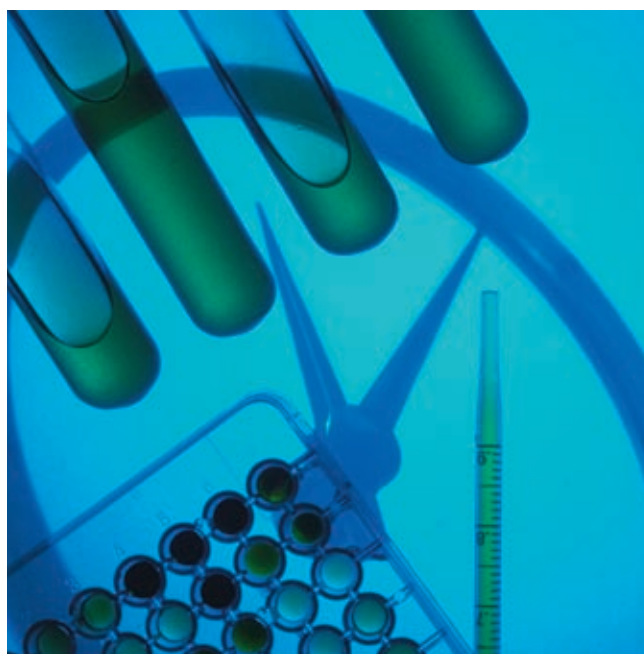
Eurofins AvTech offers an array of immunoassay capabilities that complement our traditional bioanalytical services to support discovery, preclinical, and clinical projects. Our immunochemistry staff has extensive experience with a wide range of immunoassay systems including EIA, FIA, RIA, Luminex, and electrochemical luminescence (ECL). In addition, our immunoassay personnel have significant experience dealing with the unique challenges associated with the analysis of endogenous compounds in complex biological matrices.

General Capabilities

- Method Development & Validation
- Full GLP Validation
- “Fit-for-Purpose” Validation (as appropriate)
- Routine Sample Analysis
 - R&D samples
 - Pre-clinical samples
 - Clinical samples

Applications

- Pharmacokinetics of Biologic Therapeutics
- Biomarker Detection & Quantitation
- Immunogenicity Testing
- Drug Residue Analysis



Ultra-Sensitive Immunoassays

Eurofins AvTech Laboratories is proud to be the only CRO in the U.S. to offer contract immunoassay analysis using Chimera-Biotech's Imperacer™ immuno-PCR technology. Imperacer typically provides 100- to 1000-fold increased sensitivity relative to traditional ELISA methods. This increased sensitivity is applicable to a vast array of applications including:

- Quantitation of Low-Expression Biomarkers
- Micro-dose PK Analysis
- Elimination of Matrix-Effects by Simple Dilution
- Early Detection of Anti-Drug Antibodies in Immunogenicity Assays

We encourage you to contact us today if your immunoassay analysis is being hindered by insufficient limits of detection or quantitation, or if you are experiencing excessive matrix interference. We'd be delighted to discuss how Imperacer could help to get your project back on track.