



ANALYTICAL CHEMISTRY AND BIOANALYTICAL SERVICES

IND and NDA Submission Support

The Analytical Department at Pacific BioLabs has twenty years of experience in solving complex development problems, and has screened over 4,000 preclinical samples, 80% of which were new chemical entities.

PBL specializes in robust analytical methods for HPLC, GC, and LC/MS/MS.

- Method Development and Validation
- PK/TK Sample Analysis
- Biomarker Discovery and Validation
- Stability Studies
- Analysis of Trace Contaminants
- Raw Materials Testing
- Formulation Assays

Biopharmaceutical Analysis

PBL supports biopharmaceutical development with experience in PEGylated proteins, metabolite analysis, and structure elucidation. In addition, PBL can provide extensive support for biosimilar development projects.

- Protein Characterization
- Biosimilar Development Support
- Structure Elucidation
- Metabolite Analysis
- Characterization of Impurities

Instrumental Services

In addition to standard analytical equipment including HPLC, GC/MS and tandem mass spec, PBL can perform heavy metals and trace element analysis through ICP-MS. Other services include UV-Vis Spectrophotometry, polarimetry, SDS-PAGE, and bioactivity assays.

- ICP-MS
- HPLC
- LC/MS/MS
- GC, GC/MS
- Karl Fischer Water Analysis
- Laser Light Scattering

PBL is FDA registered and ISO 9001:2008 and ISO 13485:2003 certified by Intertek. Our animal science operations are accredited by AAALAC.

For more information about Pacific BioLabs services, please contact us or visit our website.

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