

Leading Bioanalytical Competencies

Ardena's bioanalytical platform enables you to timely reach your (pre)clinical milestones. We offer solutions for all types of drug products and biomarkers, from small molecules to proteins including antibodies, antibody drug conjugates, oligonucleotides and vaccines. Experienced in LC-MS/MS and ligand binding assays, specialized in immunogenicity analysis, and with an in-house flow-cytometry facility, we are the lead partner for your drug's assay development and assay validation. Our bioanalytical services streamline regulatory approval.

Navigating you through
drug development



ARDENA

info@ardena.com

www.ardena.com

Services

- PK bioanalysis of small and large molecules
- Immunogenicity (ADA) analysis
- Biomarker analysis
- Flow Cytometry analysis
- Clinical trial services (sampling kits & logistics)
- qPCR

Drug discovery support

The drug discovery support services at Ardena consist of:

- *In-vitro* (cell-based) screening assays to study the target interaction of your small molecules or biologics
- *in-vitro* pharmacology and discovery pharmacokinetics using generic or tailor-made assays
- Early *in-vitro* ADME to study absorption, distribution, clearance, and drug-drug interactions (e.g., solubility, metabolic stability, metabolite identification, membrane permeability, CYP interaction, and plasma protein binding)

Preclinical and clinical bioanalysis

We offer a fully GLP compliant bioanalytical service to support your lead candidate upon entry into the preclinical development phase. Our GCP-compliant laboratory can support regulatory clinical studies through phase I-IV. Our fast turnaround time enables rapid decision making. Our capabilities include:

- Method development and validation as well as bioanalysis using state-of-the-art instrumentation
- LC-MS/MS systems: API6500+ (including Qtrap), API5500 (including Qtrap and SelexION), API4000, HPLC with UV and PDA
- Immunochemistry techniques: ELISA, TRFIA, ECL (Mesoscale Discovery), Alpha LISA (Perkin Elmer), Western blotting, and flow cytometry
- Analysis of any type of biological matrix, such as blood, plasma, serum, urine, cerebrospinal fluid, nasal washes, sputum, and tissues
- Controlled temperature sample storage: 2-8°C, -20°C, -80°C

Biomarkers

Ardena fulfills all your biomarker research needs starting from screening for novel biomarkers up to the bioanalysis of biomarkers in regulated clinical trials.



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