

Scientific Focus: Cell-Based Assays

BioAgilytix provides the specialized global bioanalytical services, insight, and proven GxP knowledge needed to support a full range of cell-based assay requirements.

As a leader in premier global bioanalytical services, our veteran team possesses expertise with primary cells, cell lines, and transfected reporter-gene cell systems, and can develop and validate cell-based assays under GxP.

Benefit from Our Extensive Cell-Based Assay Expertise

Our scientists were responsible for lead optimization and mechanism-of-action studies that led to the discovery of several key drugs on the market today, as well as a number of promising clinical candidates.

Leverage this advanced bioanalytical skill and knowledge to support your own cell-based assay project — gaining deep expertise for the assay itself, and for the regulatory parameters it must meet.

Ensure Selection of the Most Advantageous System for Your Needs

Our scientists can help you choose the method that will best support your distinct cell-based assay parameters. We understand the key considerations that should be assessed as part of your cell-based system selection, and will carefully weigh the advantages and disadvantages of each to select the optimal model.

Cell-Based Assay Expertise:

- ✔ Potency Assays
- ✔ NAb Assays
- ✔ Cell Proliferation
- ✔ Apoptosis and Cell Death
- ✔ Reporter Gene Assays
- ✔ Signaling and Secretion
- ✔ Antibody-Dependent Cell-Mediated Cytotoxicity (ADCC)
- ✔ Complement Dependent Cytotoxicity (CDC)

Our Cell-Based Assay Platforms Include:

- ✔ ELISA
- ✔ MSD-ECL
- ✔ Gyrolab
- ✔ Luminex
- ✔ Flow Cytometry
- ✔ qPCR/ddPCR
- ✔ ELISpot

Setting the Global Standard for Scientific Excellence in Bioanalysis

Quality science, quality data, and a quality partnership — it's how we ensure your small and large molecule bioanalytical needs are met with accuracy, high performance, and timely results.

Overall Support for All International Bioanalytical Services

With advanced laboratories in Durham, Boston, San Diego, Hamburg, Germany, and Melbourne and Brisbane, Australia, BioAgilytix can support all global studies through every phase of development, from discovery through Phase IV trials and post-market surveillance.

A Leader and Partner in Drug Development

BioAgilytix is comprised of true experts in bioanalysis, with a veteran team averaging over 10 years of bench experience and comprised of approximately 50% Ph.D. and Master's-level scientists.

Totally Committed to On-Time Delivery of Quality Results

We deliver our bioanalytical services by pairing our unique scientific capabilities, extensive QA expertise, and collaborative project management processes to ensure reliable, timely, high-quality results.

Discuss Your Program with Our Scientists Today

Let's talk scientist-to-scientist about the bioanalytical needs of your small and large molecule projects.

Services

- ✓ Pharmacokinetics (PK) / Pharmacodynamics (PD)
- ✓ Immunogenicity / Anti-Drug Antibodies (ADA) / Neutralizing Antibody Assays (NAb)
- ✓ Biomarkers
- ✓ Cell-Based Assays (CBA) / Potency Assays

Platforms

- ✓ ELISA
- ✓ MSD-ECL
- ✓ LC/MS
- ✓ qPCR/ddPCR
- ✓ HPLC
- ✓ Gyrolab
- ✓ Luminex
- ✓ Biacore
- ✓ ImmunoCAP
- ✓ LI-COR
- ✓ Flow Cytometry
- ✓ ELISpot
- ✓ ProteinSimple
- ✓ Ella

Quality

- ✓ GLP
- ✓ GMP
- ✓ GCP
- ✓ CLIA



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