



Scientific Focus: **CELL-BASED ASSAYS**

BioAgilytix provides the specialized large molecule insight and proven GLP / GMP knowledge needed to support a full range of cell-based assay requirements.

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

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 that are on the market today, as well as a number of promising clinical candidates.

Leverage this advanced level of 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 uphold.

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:

- ✓ **Relative Potency Assays**
- ✓ **NAb Assays**
- ✓ **Cell Proliferation**
- ✓ **Apoptosis and Cell Death**
- ✓ **Reporter Gene Assays**
- ✓ **Signaling and Secretion**
- ✓ **ADCC and CDC Assays**
- ✓ **Drug Combination Analysis**

Our Cell-Based Assay Platforms Include:

- ✓ **ELISA**
- ✓ **MSD-ECL**
- ✓ **Gyrolab**
- ✓ **Luminex**
- ✓ **Flow Cytometry**

Setting the Global Standard for **Scientific Excellence in Large Molecule Bioanalysis**

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

Global Support for All Large Molecule Bioanalytical Needs

With advanced laboratory facilities in North Carolina and Boston, as well as in Hamburg, Germany, BioAgilytix is able to support all phases of large molecule global studies, from discovery through Phase IV trials and post-market surveillance.

A Global Leader in Large Molecule Drug Development

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

Globally 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 Project with Our Scientists Today.

Let's talk scientist-to-scientist about the bioanalytical needs of your cell therapy program.



Services

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



Platforms

- ✓ ELISA
- ✓ MSD-ECL
- ✓ qPCR
- ✓ ddPCR
- ✓ HPLC
- ✓ Gyrolab
- ✓ Luminex
- ✓ Biacore
- ✓ ImmunoCAP
- ✓ LI-COR
- ✓ Flow Cytometry
- ✓ ELISPOT
- ✓ ProteinSimple Ella



Quality

- ✓ GLP
- ✓ GMP
- ✓ GCP
- ✓ CLIA

BioAgilytix 

USA Headquarters


2300 Englert Drive, Durham, NC 27713
919.381.6097


European Headquarters

Lademannbogen 10, 22339 Hamburg, Germany
+49 40 526779 0

Boston Location

1320 Soldiers Field Road, Boston, MA 02135
617.456.0800

 www.bioagilytix.com

 info@bioagilytix.com

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