



BIOPHARM CELL LAB

We're dedicated to advancing your analytical development needs with a wide range of cutting-edge testing services.

CORE COMPETENCIES

Nitto Avecia Pharma Services' seasoned scientists can support biopharmaceutical testing, including bioassays and cell-based assays, with a focus on delivering on-time, quality, and reliable cGMP results.

Cell lab is comprised of personnel trained in cellular biology, immunology, molecular biology, and virology. The Cell Lab team has strong experience and expertise in:

- Mammalian cells
- Maintenance, freezing, and storage
- Seeding density, passage scheduling, culturing/freezing reagents

Assay/Method	Properties	Method Development	Method Transfer	Qualification/Validation	Release	Stability
Cell-Based Assay	Reporter Assay	✓	✓	✓	✓	✓
Cell-Based Assay	Mechanism of Action	✓	✓	✓	✓	✓
Cell-Based Assay	Potency	✓	✓	✓	✓	✓
Cell-Based Assay	Cytotoxicity	✓	✓	✓	✓	✓
Cell-Based Assay	Cytokine Release	✓	✓	✓	✓	✓
Cell-Based Assay	Cell Viability/Proliferation	✓	✓	✓	✓	✓
ELISA	Identification	✓	✓	✓	✓	✓
ELISA	Potency	✓	✓	✓	✓	✓
ELISA	Binding Assay	✓	✓	✓	✓	✓
ELISA	Viral Titer	✓	✓	✓	✓	✓
ELISA	Transgene Quantitation	✓	✓	✓	✓	✓
Luminex/BioPlex Assay	Identification	✓	✓	✓	✓	✓
Luminex/BioPlex Assay	Binding Assay	✓	✓	✓	✓	✓
Kinase/Phosphatase Assays	Enzymatic Activity	✓	✓	✓	✓	✓



THE TRUE PARTNERSHIP DIFFERENCE

We make your goals achievable through a dedicated approach. Every project is led by a **single point of contact**, ensuring seamless communication, strategic planning, consistent reporting, and high-quality data from start to finish.



Partner with Nitto Avecia Pharma Services for reliable, high-quality analytical chemistry support across all stages of drug development. Since 1988, we have built a strong reputation for delivering flexible outsourcing solutions tailored to your development priorities.

OUR CORE CAPABILITIES

COMPREHENSIVE COMPENDIAL TESTING

Cost-effective analysis (USP/NF, EP, BP, ACS, and custom monographs) for raw materials, in-process samples, and finished products.

STABILITY PROGRAM MANAGEMENT

Let us help with the logistics for your stability programs, including storage in a wide range of ICH-listed conditions.

BROAD EXPERTISE

Drug substances, drug products, diverse dosage forms, and vendor qualification.

EXTRACTABLES & LEACHABLES

Broad expertise in PVC blister packs, injectables, medical device, IV bags, and single-use systems.

DEDICATED PROJECT MANAGEMENT TEAM

A single, dependable point of contact who guides and runs meetings, generates agendas and minutes, provides high-quality data and metrics, and conducts detailed post-project follow-up.

MICROBIOLOGY

Comprehensive cGMP microbiological testing for sterility, endotoxins, bioburden, and environmental monitoring.

PACKAGING & DEVICE TESTING

Expert analysis of elastomers, glass, and plastics. We can assist with navigating extractables and leachables.

BIOPHARMA

Integrated analytical support to enable development and commercialization of complex biologics.