

Viral Analytics Services

BROUGHT TO YOU BY
3PBIOVIAN

We understand that time, cost, and quality are not just priorities – they are critical to your success. That’s why we are committed to delivering tailored, flexible, and cost-effective solutions that meet your needs, without compromise.

With decades of experience, specialized know-how, and state-of-the-art facilities, we’re the CDMO partner you can count on for biologics and advanced therapies.



GENOMIC INTEGRITY & IDENTITY

- Restriction Enzyme Analysis
- ddPCR
- NGS
- Test for wild type E1A gene

CONTENT (Total Viral Particles)

- OD260 Spectrophotometry
- ddPCR

MORPHOLOGY

- Viral Morphology

EXPRESSION & FUNCTIONAL CHARACTERIZATION

- Transgene Expression
- Wild Type E1A Gene Detection
- Vector Aggregates (Dynamic Light Scattering)

SAFETY

- Sterility Testing
- Bacterial & Fungal Sterility
- Mycobacterial
- Mycoplasmas
- Bacterial Endotoxins
- Cytopathic Effect Monitoring

IMPURITY TESTING

- Residual Host-cell Protein (ELISA)
- Residual Host-cell DNA (qPCR)
- Residual Bovine Serum Albumin (ELISA)
- Residual Reagents (HR-ICP-MS)

ADVENTITIOUS AGENT TESTING

- Haem-adsorbing Viruses
- Extraneous Agents in Cell Culture

PURITY

- Ratio of virus particle number to infectious titer

INFECTIOUS TITER

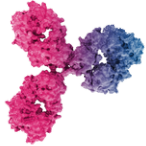
- ICC Assay
- TCID50

PHYSICOCHEMICAL PROPERTIES

- pH
- Osmolality
- Color & Clarity
- Sub-Visible Particles Analysis
- Visible Particles Analysis

DRUG SUBSTANCE + DRUG PRODUCT

Pre-clinical | Phase I | Phase II | Phase III | Commercial



PROTEINS



CELL THERAPIES



VIRAL VECTORS



PLASMID DNA

About us

We are a global CDMO, committed to making advanced biologics and tomorrow's life-transforming therapies. We are proud to support our customers at every stage of their journey, from early-stage development through commercialization.

Our service offerings include Microbial and Mammalian Protein Expression Platforms, Viral Vector production for Adenovirus and AAV, Cell Therapy, and Plasmid DNA Production. Additionally, we provide Aseptic Fill & Finish services.

