



Viral Safety Testing

For all stages throughout the development, manufacturing and release of your biological product, Lancaster Laboratories offers comprehensive, fully cGMP-compliant Viral Safety Services.

Why Choose Lancaster Laboratories?

- With more than 50 years of combined viral safety experience, our technical staff provides you with the technical advice to ensure that your study design and execution is in compliance with FDA, ICH and EU Guidelines for Viral Safety Evaluation.
- In addition to our Virology Services, we provide a seamless transition to any supporting services you may require, such as Microbiology and Molecular and Cell Biology—all fully cGMP compliant.

Viral Safety Services

Lancaster Laboratories offers comprehensive Viral Safety Services that are available for:

- Characterization of Cell Banks
- Unprocessed Bulk Testing
- End of Production Cell Testing
- Raw Materials Testing

Facilities and Equipment

- Segregated virology and cell-culture laboratories
- HEPA-filtered laboratories maintained at differential pressure for isolation and control
- Validated cleaning disinfection and environmental monitoring programs



Available Viral Assays

All assays performed in-house are fully validated according to ICH Q2:

Adventitious Viruses

- *In Vitro* Assays (multiple cell lines are available for Mouse-, Hamster- and Human-derived products)
- *In Vivo* Assays

Specific Viruses

- Bovine Viral Assay (according to 9 CFR 113)
- Porcine Viral Assay (according to 9 CFR 113)

Retrovirus Assays

- XC Assay for Ecotropic Retroviruses
- S⁺L⁻ Assay for Xenotropic Retroviruses
- Electron Microscopy for Evaluation of Cell Banks and Culture Harvests
- Co-Cultivation

Antibody Production Tests

- Mouse Antibody Production (MAP)
- Hamster Antibody Production (HAP)
- Rat Antibody Production (RAP)

Discover our solutions at: LancasterLabsPharm.com

Global Services:

Biochemistry
Cell Bank Manufacturing
Facility & Process Validation
Method Development & Validation
Microbiology
Molecular & Cell Biology

Mycoplasma Services
Raw Materials Testing
Release Testing
Residuals & Impurities Testing
Stability Testing & Storage
Viral Clearance & Viral Safety

Facilities:

USA
Lancaster, PA | 717-656-2300
Portage, MI | 269-323-3366

Ireland
Dungarvan Co. Waterford | 00 353 (0) 58 48300