



## Virology Research Outsourcing Services

Our virology research outsourcing services empower your lab to investigate viral pathogens, develop diagnostics, screen antivirals, and advance vaccine research with state-of-the-art molecular and cell culture techniques.

### Our Virology Research Capabilities

Our virologists and molecular biologists isolate viruses, perform genome sequencing, develop rapid molecular detection assays, and design vaccines and antiviral strategies for human, animal, and environmental viruses.

### Types of Virology Research We Handle

- Virus Isolation and Cultivation
- Viral Genome Sequencing
- Molecular Virus Detection (qPCR, RT-PCR)
- Virus Typing and Serotyping
- Antiviral Drug Screening
- Viral Resistance Monitoring
- Vaccine Strain Development
- Viral Vector Construction
- Virus Neutralization Assays
- In Vitro and In Vivo Efficacy Studies
- Virus Pathogenesis Studies
- Environmental Virus Surveillance
- Zoonotic Virus Tracking
- Virus Host Range Analysis
- Publication-Ready Virology Data
- Regulatory-Compliant Virology Reports
- Cross-Lab Validation of Virology Protocols
- Custom Virology Research Projects

### Key Research Outsourcing Services Offered

- Field Sample Collection and Virus Isolation
- Cell Line Maintenance and Virus Culturing

- Virus Genome Sequencing and Annotation
- Molecular Detection Assay Development
- Serotyping and Viral Typing
- Antiviral Screening Assays
- Resistance Gene Detection
- Vaccine Candidate Design and Validation
- Neutralization and Immunogenicity Studies
- Data Analysis and Visualization
- Publication-Ready Figures and Reports
- Stakeholder Presentation Preparation
- Confidential Data Handling and NDA
- Interim Progress Updates and Technical Reports
- Workshops and Training in Virology
- Post-Project Technical Consulting
- IP and Patent Filing Support for Discoveries
- Grant Proposal and Manuscript Assistance
- Secure Data Storage and Archiving
- Compliance with GLP, ISO, WHO Standards
- Cross-Lab Protocol Validation
- Collaboration with Public Health Agencies
- Long-Term Virology Research Partnerships
- Custom SOP Development for Virology Labs
- Regulatory Dossier Preparation for Approvals
- Market-Ready Virology Reports

## **Why Choose Us for Virology Research Outsourcing?**

Our advanced virology labs, skilled experts, and integrated molecular workflows ensure robust virus detection, characterization, and vaccine development compliant with global standards.

## **Industries & Sectors We Serve**

- Public Health Research Institutes
- Pharmaceutical and Biotech Companies
- Veterinary and Zoonotic Disease Labs
- Environmental Virology Surveillance Units
- Academic Virology Research Centers
- Regulatory and Disease Control Agencies

## **Customized Virology Solutions**

We deliver tailor-made virus detection kits, strain typing services, and antiviral validation pipelines to address emerging viral threats and ensure rapid response preparedness.

## Quality Assurance & Regulatory Compliance

Our virology workflows follow GLP, ISO, WHO, and OIE standards to ensure validated, reproducible, and regulator-ready data for vaccine and antiviral development.

## Case Studies & Client Success Stories

Discover how our virology outsourcing has enabled rapid outbreak detection, supported pandemic preparedness, and delivered vaccine strains for clinical trials. References available on request.

## How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define virus type, study goals, and desired outputs.
2. **Proposal & Quotation:** Provide detailed sampling and testing plan, timeline, and budget.
3. **Virus Isolation and Testing:** Perform culturing, detection, typing, and resistance profiling.
4. **Reporting:** Deliver genome data, assay results, and regulator-ready reports.
5. **Post-Project Support:** Provide manuscript preparation, patent support, and follow-up consulting.

## Frequently Asked Questions (FAQs)

**Q:** Can you sequence novel viruses?

**A:** Yes — we perform de novo viral genome sequencing and annotation.

**Q:** Do you develop custom detection kits?

**A:** Absolutely — we design and validate molecular assays for rapid virus detection.

**Q:** How secure is my pathogen data?

**A:** We enforce strict NDAs, secure data storage, and complete IP protection for all research data.

## Get Started / Request a Quote

Contact us today to discuss your virology research project and receive a tailored plan, timeline, and cost estimate aligned with your goals.

## Contact Us

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