

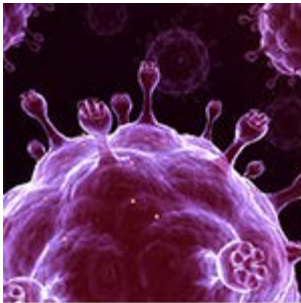


September 2017

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# microscoop



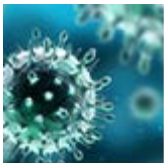
## Purified Viruses

Obtaining a high-titer, purified virus preparation can be time consuming and costly—requiring technical expertise, specialized equipment, and a broad range of supporting biomaterials and reagents. Give your staff and your budget a break! With ready-to-use purified viruses from ATCC, you can expect:

- High titer – Infectious titer of  $>10^7$  TCID<sub>50</sub>/mL or CEID<sub>50</sub>/mL
- Quantified genome copy number – Evaluated by Droplet Digital™ PCR
- Purity – Ultracentrifugation through sucrose
- Authenticity – Verified identity and viability

These high-quality products can be used in a wide range of applications, including basic research, assay development and validation, screening studies, and more!

[Order now>>](#)



## Influenza Research Materials

Major disease outbreaks are associated with the circulation of influenza virus types A and B in the human population. ATCC offers a number of examples of each virus type—grown in chicken embryos and tissue culture—from a variety of sources, as well as supporting reagents such as genomic RNA, antisera, and monoclonal antibodies.

[Check out our collection>>](#)

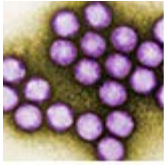


## Synthetic Nucleic Acids for Respiratory Research

ATCC has identified the need for nucleic acids that represent clinically relevant organisms that cannot be reliably cultured *in vitro*. To support respiratory disease research, we offer preparations for:

- Human bocavirus
- Middle East respiratory syndrome coronavirus
- Human metapneumovirus

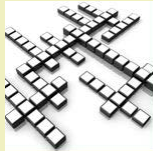
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## Quiz the Scientist

I am an infectious strain that is associated with diarrhea, fever, and stomach cramps. Fluoroquinolone-resistant members of my genus are considered to be priority 3 pathogens. Can you guess what I am?

[Click here](#) for more clues.



## ATCC Puzzle

Test your microbial expertise with the ATCC puzzle!

[Download the puzzle](#)

Still puzzled?

[View the answers to last month's puzzle](#)

## Publications

- [ATCC® Culture Guides](#)
- [Human Respiratory Strains](#)
- [Purified viruses](#)
- [Webinar: ATCC® Influenza Research Materials](#)



## Frequently Asked Questions

**Q: Is it necessary to use a cryoprotectant when preserving Influenza virus?**

**A:** Influenza is not a cell-associated virus, so DMSO is not necessary. After infecting with the host cells, harvesting can occur when CPE is spread throughout the culture vessel. The cells should have rounded and detached into the virus growth medium. One can just aliquot and quick freeze in the vapor phase of liquid nitrogen before long-term storage at -70°C or colder.

[Have more questions?](#)

Quality Control

Assay Development

Multidrug Resistance

Microbiology Resources

Webinar Registration

ATCC - 10801 University Boulevard, Manassas, VA 20110

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