

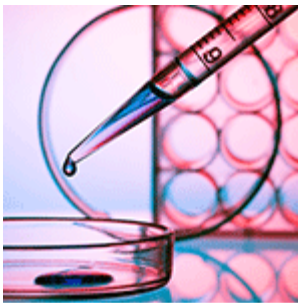


May 2017

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# microscoop



## Mycoplasma Quality Control

Mycoplasma contamination endangers almost all aspects of cell physiology, leading to misinterpretation of results, erroneous data, irreversible deterioration and loss of a cell line, and extensive costs in time and money. The best protection against mycoplasma is to quickly identify a contaminated culture through routine testing. To support this need, ATCC offers a wide range of products and services, including:

- Quantitative mycoplasma DNA
- Titered mycoplasma strains
- Universal Mycoplasma Detection Kit
- Mycoplasma testing service

These products and services are ideal for the development and confirmation of PCR-based detection methods and for the rapid detection of mycoplasma contamination in cell cultures, raw materials, and culture reagents.

**Order from our growing portfolio  
today!**



## WEBINAR: ATCC Microbiology – Best Practices for Stock Maintenance

Join us Thursday, May 18 at 12:00 PM ET to hear Carol Horton, Marketing Manager at ATCC, discuss the best practices for microbial stock maintenance with regard to passage, storage, recovery, and authentication.

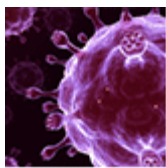


## WEBINAR: ATCC® Biorepository Services

Want to learn how to safely store your biomaterials? Join us on Thursday, May 25 at 12:00 PM ET to hear Tiffany Gonzalez, Assistant Manager of Repository Services at ATCC, discuss the importance of biomaterial management and how ATCC can help with our new Biorepository Services .

[Register](#) today for this *free* webinar!

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## 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! ATCC now offers purified viral preparations of clinically relevant strains that are convenient and ready-to-use. With each preparation, you can expect:

- High infectious titer of  $>10^7$  TCID<sub>50</sub>/mL, CEID<sub>50</sub>/mL, or PFU/mL
- Genome copy number quantified by Droplet Digital™ PCR
- Purity obtained via ultracentrifugation through sucrose
- Identity and viability verified using a polyphasic approach

These high-quality products are suitable for use in a wide variety of applications, including basic research, assay development and validation, antiviral and immunological screening, infectivity assays, and more!

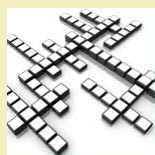
Visit us online at [www.atcc.org/PurifiedViruses](http://www.atcc.org/PurifiedViruses) to order your strains today!



## Quiz the Scientist

I am a common cell culture contaminant. In humans, I can be transmitted through sexual contact. 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](#)
- [Mycoplasma Quality Control](#)
- [Use of Quantitative Mycoplasma DNA Controls in Evaluating the Sensitivity of Molecular-based Detection Systems](#)
- [Purified Viruses](#)



## Frequently Asked Questions

**Q: My virus culture has been contaminated with mycoplasma. Can it be saved?**

**A: ATCC recommends that viral cultures contaminated with mycoplasma be destroyed.**

However, if the virus is unique, the user may attempt to cure the contamination. Reagents are available commercially for clearing mycoplasma contamination from some types of viral cultures.

[Have more questions?](#)

**Quality Control**

**Assay Development**

**Multidrug Resistance**

**Microbiology Resources**

**Webinar Registration**

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