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May 2016

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microscoop



ATCC[®] Minis are now more convenient than ever!

Our recent analysis of ATCC[®] Minis has demonstrated that they are stable for up to one year at -20°C, making them easier to store for an extended period of time*.

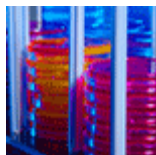
In addition to their ready-to-use frozen format, ATCC Minis are:

- Provided as a glass-free six pack of single-use cultures in glycerol stock
- Complete with 2D barcode for easy storage and tracking
- Supplied with peel-off labels for fast and reliable recordkeeping

Further, ATCC Minis are compatible with VITEK[®] 2 cards and other quality control platforms, providing a time-saving and economical alternative to growing and banking strains for routine use. Ensure the quality of your products today with ATCC Minis!

Visit us online at www.atcc.org/minis to order your strains today!

* Some fastidious strains are not stable at -20°C. Please refer to the product sheet for an item's appropriate storage temperature.



Tools for Clinical Research

Clinical samples vary – your controls don't have to! ATCC offers a variety of products that support the validation of molecular- and culture-based diagnostic tools, including



Quality Control Strains

Commercial firms specify ATCC strains as controls for rapid identification, minimum inhibitory concentration of antibiotics, and antibiotic susceptibility panels. Species and

pathogenic strains, genomic and synthetic nucleic acids, human cancer cell lines, and cell lines representing genetic diseases.

[Strengthen](#) your clinical research today!

strains recommended for use with commercial kits and instruments, including those offered in the ATCC Minis format, are available from ATCC.

[Browse](#) our collection of quality control strains, and use the left-hand navigation to search by identifier, instrument, or organization.



Webinar: Carbapenem-resistant Enterobacteriaceae (CRE) – A Growing Superbug Population

Cara N. Wilder, Ph.D.

Technical Writer, ATCC

The discovery of antibiotics in the early twentieth century has revolutionized the treatment of infectious diseases, saving millions of lives and easing the suffering of many. However, as the structure and function of antibiotics have evolved through the efforts of biotech and pharma companies, prokaryotic species have adapted in parallel, exchanging genetic information and optimizing effective methods to avoid therapeutic killing. In the last several decades, this concern has become more pronounced with the emergence of multidrug-resistant organisms in both community- and hospital-acquired infections, resulting in increased morbidity, mortality, and health-care expense. In this presentation, we will discuss the emergence of multidrug-resistant infections with a particular emphasis on the emergence and global spread of carbapenem-resistant Enterobacteriaceae strains.

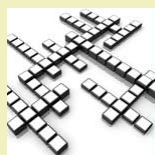
May 5, 2016, 10:00 AM or 3:00 PM ET [Register for a session today!](#)



Quiz the Scientist

I am an ATCC Mini used as a Gram positive QC strain. I am also a known pathogen that is frequently associated with throat infections. Can you guess what I am?

[Click here for more clues.](#)



ATCC Puz

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Test your

Publications

- [ATCC Culture Guides](#)
- [ATCC Minis Support](#)

[VITEK® 2 Quality](#)

microbial expertise with the ATCC puzzle!

[Download the puzzle](#)

Still puzzled?

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

Control Testing

- ATCC Minis – Six pack of ready-to-use QC strains in glycerol stock
- Quality Control Strains for Commercial Assays



Frequently Asked Questions

Q: How should ATCC Minis be thawed?

A: Frozen ATCC Minis are shipped packed in dry ice. To thaw the strain, place the vial upright in a 25°C to 30°C water bath until just thawed; approximately 2-3 minutes or until all ice crystal have melted. The vial should be immersed just enough to cover the frozen material, and the vial should not be agitated.

[Have more questions?](#)

Quality Control

Assay Development

Multidrug Resistance

Microbiology Resources

View from the Petri Dish

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Image of group of erythromycin-resistant Group-A *Streptococcus* (GAS), also known as *S. pyogenes*, bacteria, courtesy of U.S. Centers for Disease Control and Prevention - Medical Illustrator, DCD.

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