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July 2017

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Food Testing Solutions

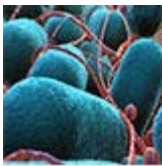
Through the development of customer-driven products, ATCC is making it easier for food manufacturers, processors, and contract testing laboratories to ensure the safety of consumable goods in accordance with the FDA, the Food Safety Modernization Act, and food testing accreditation.

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Choose from our expanding portfolio of quality control solutions:

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- ATCC Genuine Nucleics that support the development and validation of rapid microbial methods
- Reporter-labeled strains, including GFP-labeled *Escherichia coli* O157 and Big-Six strains
- ATCC Minis, which are ready-to-use quality control strains provided in a single-use frozen format

These strains are essential tools for all stages of the discovery and development process for novel antimicrobials and therapeutics, molecular-based detection assays, and updated sterility protocols.



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Are you looking for reference strains that support AOAC International testing methods? We have you covered! ATCC offers reference materials cited in over 30 AOAC[®] Official MethodsSM.
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- Strains and microbial panels
- Quantitated nucleic acids
- Reporter-labeled controls

Each of our STEC reference materials have been evaluated for serotype and the presence of the Shiga toxin (*stx1*, *stx2*) and intimin genes (*eae*).

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minimally passaged, fully characterized reference materials that are ideal for routine testing. What's more, each ATCC reference strain is backed by meticulous laboratory procedures that ensure viability, identity, functionality, and purity.

[Browse our strains>>](#)



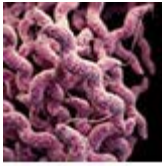
Webinar: The Biology of Anaerobic Bacteria and Predominant Propagation Practices

In this webinar, Ms. Faust, *Senior Biologist*, ATCC and Ms. Krueger, *Senior Biologist*, ATCC will discuss the various methods used to achieve successful growth conditions for a wide variety of anaerobes. Here, they will expand on common gas mixtures, media selection, and how to obtain anaerobic conditions in the lab.

July 20, 2017

12:00 PM ET

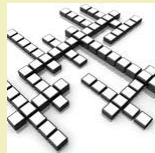
[Register for the webinar](#)



Quiz the Scientist

I am one of the most common bacterial causes of human gastroenteritis in the world. I am distributed in most warm-blooded animals. 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](#)
- [Quality Control Solutions for Food Testing](#)
- [Reporter-labeled Strains - Powerful Tools for Microbiology Research](#)
- [Webinar: Improving the Detection of Shiga Toxin-producing *Escherichia coli*](#)



Frequently Asked Questions

Q: *Escherichia coli* and *Shigella* are very closely related taxonomically. What are some tests that can distinguish between the two organisms?

A: *E. coli* has several characteristics that distinguish it from *Shigella*. The first, and the easiest, is that *E. coli* are motile whereas *Shigella* is non-motile. *E. coli* also are positive for lysine decarboxylation, lactose fermentation/ONPG, and gas production from glucose. *Shigella* strains are negative for all of these biochemical tests.

[Have more questions?](#)

Quality Control

Assay Development

Multidrug Resistance

Microbiology Resources

Webinar Registration

ATCC - 10801 University Boulevard, Manassas, VA 20110

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