



## ATCC® Certified Reference Materials

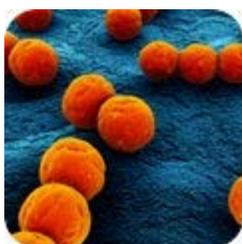
The inherent variability of biological materials brings unique challenges to establishing standards for *in vitro* model systems. ATCC Certified Reference Materials (CRMs) offer confirmed identity, well-defined characteristics, and an established chain of custody, all qualities essential to their effectiveness as biological standards in research and development.

Each ATCC CRM is:

- Produced under an ISO Guide 34:2009 accredited process
- Optimized for homogeneity and consistency from lot to lot
- Tested to a stated level of confidence, where appropriate
- Traceable to the ATCC seed culture
- Verified using genotypic and phenotypic testing to confirm identity

Quality control matters, maintain your outstanding quality control programs with ATCC CRMs!

[Learn more](#)



## ATCC® Pneumococcal Polysaccharides

To aid in the analysis and prevention of pneumococcal disease, ATCC offers 24 types of pneumococcal polysaccharides available in three package sizes. These are the same serotypes found in current commercially available vaccines.

Each polysaccharide is extracted and purified separately, making the products specific and useful as antigens in:

- Direct enzyme-linked immunosorbent assays (ELISA)
- Epidemiological studies
- *In vitro* immunological research

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### Publications

#### ATCC Genuine Cultures® Quality Control Strains

A selection guide featuring microbial quality control strains specified or recommended for use with commercial kits and instruments.

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#### ATCC® Microbiology Culture Guides

Culture guides offering tips and techniques on the cultivation of:

- Bacteria
- Yeasts & Fungi
- Protozoa & Algae
- Viruses

[Download a culture guide](#)

Enhance your pneumococcal research today!

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### ATCC® Quality Control Strains

ATCC provides a number of top-quality microbial strains needed to maintain outstanding quality control programs. Commercial firms specify ATCC strains as controls for rapid identification, minimum inhibitory concentration of antibiotics, and antibiotic susceptibility panels.

Search for strains by:

- Commercial kit or instrument
- Organization/company
- Certified Reference Materials
- Application

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### ATCC® Crossword Puzzle

Test your microbial expertise with the ATCC crossword puzzle!

[Download the Puzzle](#)

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



### Quiz The Scientist

I am a fastidious bacterium used as a quality control strain in infectious disease research. Can you guess what I am?

[Click here for more clues](#)



### Q: How do I reconstitute ATCC® Pneumococcal Polysaccharides?

**A:** Pneumococcal polysaccharide powders usually take about 10 hours to dissolve, and the solution should be kept cold at all times. We recommend reconstituting pneumococcal polysaccharide powders by stirring overnight at 2-8°C.

If you do not have a magnetic stirrer that can be used in a refrigerator or in a cold room, you can reconstitute the pneumococcal polysaccharide using a magnetic stirrer on a bench. Keep the polysaccharide solution cold by surrounding the container with ice. Replace the ice as it melts.

[Have more questions?](#)

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