

RESOURCES

MICROBIOLOGY RESOURCES

Collaboration and knowledge sharing are key components in accelerating scientific discoveries and advancing global health. Explore our expanding collection of culture guides, white papers, and application notes to learn more about the innovative research and development being performed by thought leaders in science



CULTURE GUIDES

When working with microorganisms, it is important to have protocols you can trust. Download our culture guides to access detailed information on the handling, cultivation, and preservation of bacteria, fungi, protists, and viruses.

[Introduction to Microbiology](#)

[Protistology Culture Guide](#)

[Bacterial Culture Guide](#)

[Virology Culture Guide](#)

[Mycology Culture Guide](#)

FIND ALL OF OUR GUIDES AT WWW.ATCC.ORG/GUIDES

APPLICATION NOTES

Credible reference standards enable greater specificity and functionality to the researcher's toolkit. Browse a hand-picked selection of our application notes for access to in-depth data on the development and validation of these products and to explore proof-of-concept studies focused on their various applications.

[ATCC Strains with Demonstrated Biocatalytic Ketone Reduction Capability](#)

[Development and Evaluation of Next-Generation Sequencing Standards for Virome Research](#)

[Development and Evaluation of Whole Cell- and Genomic DNA-Based Microbiome Reference Standards](#)

[Development and Use of Synthetic Molecular Standards for Dengue Virus Serotypes 1-4](#)

[Development and Validation of a Quantitative Synthetic Molecular Standard for Monkeypox virus](#)

[Development of ATCC Molecular Standards for Human Herpesvirus 1 and 2 \(HSV-1 and HSV-2\)](#)

[Development of Improved Synthetic Molecular Standards for Norovirus Genogroups I and II](#)

[Development of Synthetic Molecular Standards for Hepatitis B and Hepatitis C Virus](#)

[Microbial Genome Databases - Existing Challenges and the Need for Authenticated Reference Genomes](#)

[Novel fluorescent reporters for studying host-pathogen interactions](#)

[Use of Recombinant Bacteria with Unique Tags as Spike-in Controls for Microbiome Studies](#)

ACCESS OUR COMPLETE COLLECTION OF APPLICATION NOTES AT WWW.ATCC.ORG/APPLICATIONNOTES

WHITE PAPERS

ATCC is dedicated to accelerating biological research and advancing global health by facilitating communication and ideas among scientists. White papers offer a powerful communication tool that helps inform researchers on important issues and possible solutions. Browse a selection of our white papers below to explore a variety of topics ranging from antimicrobial resistance and bacteriophage therapy to the importance of authentication and the need for standards.

[Authentication of Prokaryotes at ATCC](#)

[Bacteriophage Therapy – An Alternative Approach for Treating Multidrug-Resistant Infections](#)

[Challenges and Solutions in the Development and Validation of Molecular-based Assays](#)

[Improving Accuracy and Reproducibility in Life Science Research](#)

[Microbiological Quality Control of Pharmaceutical Products](#)

[Pneumococcal Polysaccharides — Advancing research and development](#)

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Visit us online at www.atcc.org/Distributor to find your distributor.

QUICK LINKS

ATCC has the microbial tools needed for infectious disease research, vaccine development, quality control testing, environmental research, and more! Use our quick links below to find the credible materials and related resources you need for your essential research.

[Blood-borne Diseases](#)

[Purified Viruses](#)

[Coronavirus Research Materials](#)

[Quality Control](#)

[Drug Resistance](#)

[Respiratory Diseases](#)

[Enteric Diseases](#)

[Sexually Transmitted Diseases](#)

[Environmental Research](#)

[Vaccine Development](#)

[Microbiome Research](#)

[Vector-borne Diseases](#)

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 10801 University Boulevard
Manassas, Virginia 20110-2209

 703.365.2700

 703.365.2701

 sales@atcc.org

 www.atcc.org

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