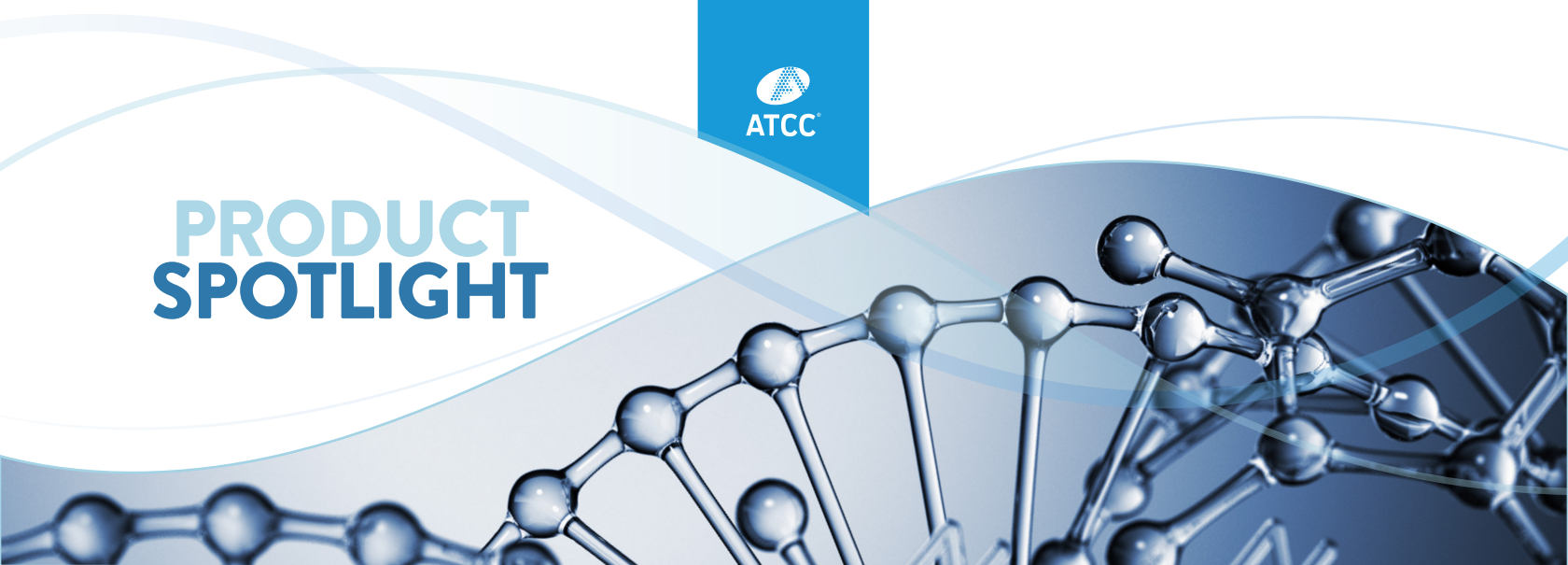


PRODUCT SPOTLIGHT



MOLECULAR STANDARDS

BUILD A BETTER ASSAY

The extraction, preparation, and verification of nucleic acids can often require extensive amounts of time, labor, and expense. ATCC has addressed this issue by developing convenient, easy-to-use, genomic and synthetic molecular standards for quantitative nucleic acid amplification applications. These highly validated process controls remove the burden of culture work, nucleic acid extraction, and quantitation.

READY-TO-USE CONTROLS

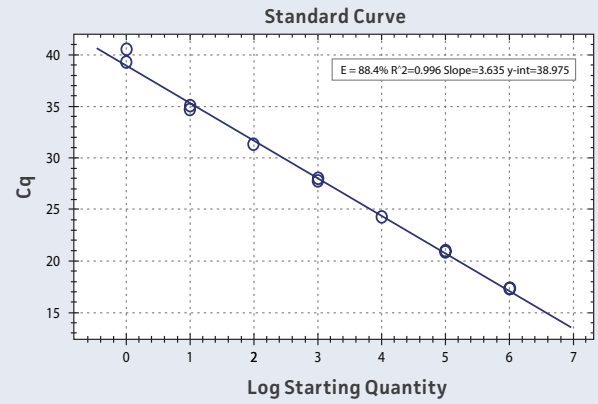
- Provided in a ready-to-use quantitative format to save you time and money
- Eliminates the need to culture microorganisms
- Compatible with a variety of instruments and applications
- Preparations are extensively tested to ensure identity, stability, quantity, and functionality
- Products are manufactured under ISO 9001 certified and ISO/IEC 17025 accredited processes

	Genomic Nucleic Acids	Synthetic Nucleic Acids
Description	Whole-genome preparations derived from fully authenticated, minimally passaged ATCC strains	Synthetically manufactured preparations comprising fragments from key target regions of difficult-to-culture and high-containment species
Authentication	Amplicon sequencing	Next-generation sequencing to verify construct
Specification range	1×10^5 to 1×10^6 genome copies/ μ L	1×10^5 to 1×10^6 construct copies/ μ L
Fill volume	100 μ L per vial	100 μ L per vial
Product format	Frozen	Frozen
Biosafety level	BSL-1, BSL-2	BSL-1
Stabilization	N/A	Shipped in a proprietary stabilization matrix

EXPLORE OUR PORTFOLIO AT WWW.ATCC.ORG/MOLECULARSTANDARDS

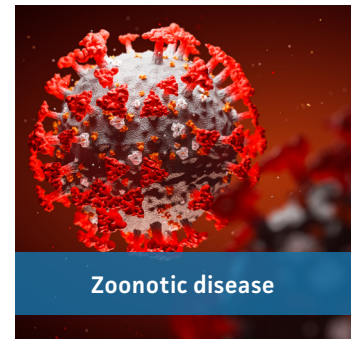
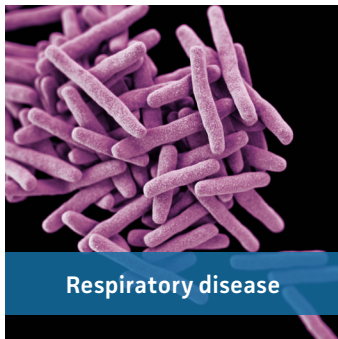
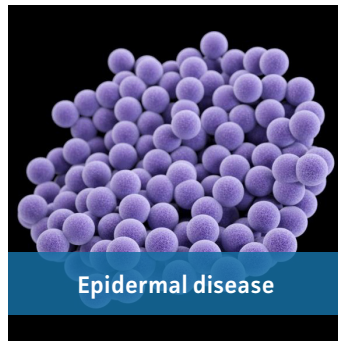
USE THROUGHOUT THE ASSAY DEVELOPMENT PROCESS

- Positive control for molecular assays
- Generation of a standard curve
- Assay verification and validation studies
- Monitor assay-to-assay and lot-to-lot variation



INFECTIOUS DISEASE DIAGNOSTICS

With hundreds of ATCC Molecular Standards to choose from, you have access to the strains you need to develop molecular diagnostic tools for various infectious diseases.



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