



ATCC expands its portfolio of Certified Reference Materials to include Quantitative Mycoplasma DNA

New preparations are designed for inclusivity/exclusivity testing, establishing limits of detection, and validating or comparing test methods

Manassas, VA, April 15, 2014 – ATCC, the premier global biological materials resource and standards organization, announces the expansion of its current solutions for mycoplasma quality control to include quantitative mycoplasma genomic DNA prepared as Certified Reference Materials. These preparations support our wide range of quality control products, which include the Universal Mycoplasma Detection Kit and a collection of 10 titered mycoplasma reference strains. ATCC Certified Reference Materials are calibrated to one or more specified properties, making them ideal for use in challenge assays, verifying or comparing test methods, and benchmarking critical assay performance during assay validation or implementation.

Mycoplasma species are frequent contaminants of cell cultures, affecting numerous phenotypic and functional characteristics of cells. To facilitate the rapid and reliable PCR-based detection of mycoplasma in cell culture, animal sera, and other raw materials, ATCC recently released quantitative mycoplasma DNA Certified Reference Materials. These nucleic acid preparations were isolated from strains most frequently associated with cell culture contamination, and were quantified for genome copy number using digital PCR-based technology.

“The inherent variability of biological materials brings unique challenges to establishing standards for *in vitro* model systems and to establishing ISO compliant processes to produce them,” said Mindy Goldsborough, Ph.D., VP and General Manager of ATCC Cell Systems in Gaithersburg, Maryland. “By producing Certified Reference Materials under an ISO Guide 34 accredited process, ATCC is able to provide biological materials with confirmed identity, well-defined characteristics, and an established chain of custody. These qualities make ATCC Certified Reference Materials ideal as biological standards for research and development purposes, and provide scientists complete confidence that their results are reliable and reproducible.”

For more information about Certified Reference Materials from ATCC, please contact ATCC technical services toll free in the US at 1-800-638-6597; for international inquiries, please call +1-703-365-2700 or visit www.atcc.org.

About ATCC

ATCC serves and supports the scientific community with industry-standard products and innovative solutions. With the world’s largest and most diverse collection of human, animal, and plant cell lines, as well as microorganisms, nucleic acids, and biological products, ATCC is a trusted biological resource for the worldwide research community. Together, the people of ATCC share in its mission to acquire, authenticate, preserve, develop, and distribute biological materials and information for the advancement of scientific knowledge. ATCC is a non-profit organization with headquarters in Manassas, VA.