

Priestia megaterium, Strain Ford 19

Catalog No. NR-603

(Derived from ATCC® 14581™)

Product Description:

Priestia megaterium (*P. megaterium*), strain Ford 19 was isolated by W. W. Ford and was deposited at ATCC® in 1962 by Dr. Ruth E. Gordon, Institute of Microbiology, Rutgers University, New Jersey, USA. Previously referred to as *Bacillus megaterium*, the genus has been reclassified and the designation on the vial label refers to the old nomenclature. NR-603 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 30°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 30°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 3976746

Manufacturing Date: 06JAN2005

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Hemolysis Motility (wet mount) Analytical profile index (API 50 CHB V3.0®)	Gram-positive bacilli Report results Report results Report results Consistent with <i>P. megaterium</i>	Gram-positive bacilli Circular, convex, entire, glistening and opaque Non-hemolytic Non-motile Consistent with <i>P. megaterium</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 580 base pairs)	≥ 99% sequence identity to <i>P. megaterium</i> , strain Ford 19 (GenBank: CP009920.1)	100% sequence identity to <i>P. megaterium</i> , strain Ford 19 (GenBank: CP009920.1) ¹
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Priestia* species.

/Sonia Bjorum Brower/

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28 SEP 2023

Technical Manager or designee, ATCC Federal Solutions

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