

***Bordetella pertussis*, Strain I176**

Catalog No. NR-42463

Product Description:

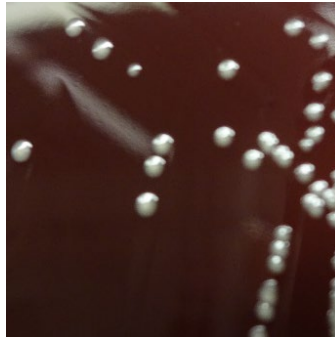
Bordetella pertussis (*B. pertussis*), strain I176 was isolated in 2012 from a nasopharyngeal swab of a patient with whooping cough in Washington, USA. NR-42463 was produced by inoculation of the BEI Resources seed lot 62521228 into Bordet Gengou broth and grown for 7 days at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Bordet Gengou agar kolles, which were grown for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70043158

Manufacturing Date: 08JUN2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-negative coccobacilli Report results Report results <i>B. pertussis</i>	Gram-negative coccobacilli Circular, convex, entire, smooth and white (Figure 1) Non-motile <i>B. pertussis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>A. baumannii</i> , strain MRSN 11669 (GenBank: AXSG02000012.1)	100% sequence identity to <i>A. baumannii</i> , strain MRSN 11669 (GenBank: AXSG02000012.1)
Purity 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability	Growth	Growth

Figure 1: Colony Morphology



/Heather Couch/
 Heather Couch

Program Manager or designee, ATCC Federal Solutions

01OCT 2021

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.
 You are authorized to use this product for research use only. It is not intended for human use.

