

Neisseria mucosa, Strain C102

Catalog No. HM-242

Product Description: *Neisseria mucosa* (*N. mucosa*), strain C102 was isolated from expectorated sputum from a 31-year-old male patient with cystic fibrosis.

Lot^{1,2}: 70010883

Manufacturing Date: 13DEC2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative cocci Report results Report results	Gram-negative cocci Circular, convex, entire, smooth and beige (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>N. mucosa</i> , strain C102 (GenBank: ACRG01000007.1)	100% sequence identity to <i>N. mucosa</i> , strain C102 (GenBank: ACRG01000007.1) ⁴
Purity (post-freeze)⁵	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*N. mucosa*, strain C102 was deposited by Michael G. Surette, Professor, Department of Microbiology and Infectious Diseases, University of Calgary, Alberta, Canada. HM-242 lot 70010883 was produced by the inoculation of BEI Resources HMS-242 lot 60609342 into Haemophilus Test broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Chocolate agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³1 day at 37°C in an aerobic atmosphere with 5% CO₂ on Chocolate agar

⁴Also consistent with other *Neisseria* species

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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BEI Resources
www.beiresources.org

E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898