

Neisseria meningitidis, Strain NM3131

Catalog No. NR-32216

Product Description:

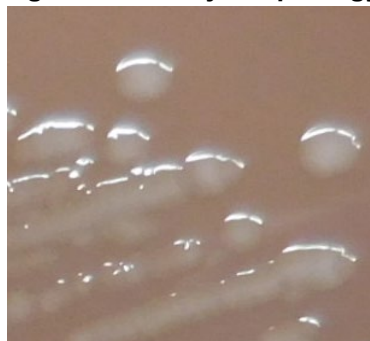
Neisseria meningitidis (*N. meningitidis*), strain NM3131 was isolated from a human disease case in the United States, 2008. *N. meningitidis*, strain NM3131 was deposited as a member of serogroup Y. NR-32216 was produced by inoculation of BEI Resources seed lot 61525632 into *Haemophilus* Test Medium broth and grown 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. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70067436

Manufacturing Date: 02APR2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-negative Report results Report results <i>N. meningitidis</i>	Gram-negative cocci Circular, convex, entire, smooth and cream Non-motile <i>N. meningitidis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>N. meningitidis</i> , strain NM3131 (GenBank: APUV01000054.1)	99.9% sequence identity to <i>N. meningitidis</i> , strain NM3131 (GenBank: APUV01000054.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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21 MAY 2024

Technical Manager or designee, ATCC Federal Solutions

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