

***Neisseria meningitidis*, Strain NM3222**

Catalog No. NR-32215

Product Description: *Neisseria meningitidis* (*N. meningitidis*), strain NM3222 was isolated from a human disease case in the United States, 2009. *N. meningitidis*, strain NM3222 was deposited as a member of serogroup Y.

Lot¹: 61712331

Manufacturing Date: 02MAY2013

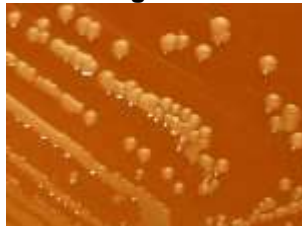
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Biochemical tests: Remel Rapid™ NH System	Report results Report results Consistent with <i>N. meningitidis</i>	Gram-negative diplococci Irregular, convex, entire, gray, translucent and smooth (Figure 1) Consistent with <i>N. meningitidis</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	Consistent with <i>N. meningitidis</i>	Consistent with <i>N. meningitidis</i> ³
Viability (post-freeze)²	Growth	Growth

¹*N. meningitidis*, strain NM3222 was produced by inoculation of the deposited material into *Haemophilus* Test media and grown 48 hours at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to kolles which were grown 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

²24 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Chocolate Agar

³≥ 99% identical to *N. meningitidis*, strain NM3222 (GenBank: APUU01000025)

Figure 1



Date: 09 DEC 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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