

Neisseria sp., Oral Taxon 014, Strain F0314

Catalog No. HM-91

Product Description:

Neisseria sp., oral taxon 014, strain F0314 was isolated in June 1982 from a subgingival oral biofilm at a healthy site from a 23-year-old American white female. HM-91 lot 70055547 was produced by the inoculation of BEI Resources seed lot 60187094 into Haemophilus Test Medium 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. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality 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.

Lot: 70055547

Manufacturing Date: 22SEP2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative diplococci Report results Report results	Gram-negative diplococci Circular, convex, entire smooth and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>N. sp.</i> , oral taxon 014, strain F0314 (GenBank: GQ131417.1)	99.9% sequence identity to <i>N. sp.</i> , oral taxon 014, strain F0314 (GenBank: GQ131417.1)
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



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