

Peptoniphilus sp., Strain BV3AC2

Catalog No. HM-825

Product Description: *Peptoniphilus* sp., strain BV3AC2 was isolated from a human vaginal swab.

Lot^{1,2}: 63140987

Manufacturing Date: 16JAN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 970 base pairs)	≥ 99% identical to GenBank: AWXD01000019 (<i>Peptoniphilus</i> sp., strain BV3AC2)	≥ 99% identical to GenBank: AWXD01000019 (<i>Peptoniphilus</i> sp., strain BV3AC2)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>Peptoniphilus</i> sp. No growth	Growth consistent with <i>Peptoniphilus</i> sp. No growth
Viability (post-freeze)³	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*Peptoniphilus* sp., strain BV3AC2 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-825 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth which was used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood plates and grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O₂; RemeI™ Pack-Anaero™). Colonies from the plates were suspended in Modified Chopped Meat medium and used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown for 6 days at 37°C in an anaerobic atmosphere to produce this lot.

³74 hours at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed in an anaerobic atmosphere for 8 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

⁵Purity of this lot was assessed in an aerobic atmosphere with 5% CO₂ for 74 hours at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1



Date: 24 MAR 2015

Signature: 

Title: Technical Manager, BEI Authentication or designee

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