

***Veillonella* sp., Strain 3_1_44**

Catalog No. HM-64

Product Description:

Veillonella sp., strain 3_1_44 was isolated in 2007 from biopsy tissue taken from the descending colon of a 25-year-old male patient with remittent Crohn's disease in Calgary, Alberta, Canada. HM-64 lot 70044517 was produced by the inoculation of BEI Resources seed lot 60730077 into Reinforced Clostridial broth with 1.5% sodium lactate and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Reinforced Clostridial broth with 1.5% sodium lactate, which was grown for 2 days at 37°C in an anaerobic atmosphere 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: 70044517

Manufacturing Date: 28MAY2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days at 37°C in an anaerobic atmosphere on Reinforced Clostridial agar with 1.5% sodium lactate Motility (wet mount)	Gram-negative cocci Report results Report results	Gram-negative cocci Circular, raised, entire, smooth, translucent, opaque and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1150 base pairs)	≥ 99% sequence identity to <i>Veillonella</i> sp., strain 3_1_44 (GenBank: ADCV01000019.1)	99.7% sequence identity to <i>Veillonella</i> sp., strain 3_1_44 (GenBank: ADCV01000019.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology No growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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