

Treponema denticola, Strain ASLM

Catalog No. HM-574

Product Description: *Treponema denticola* (*T. denticola*), strain ASLM was isolated from a deep periodontal pocket in an adult human mouth in the United States.

Lot¹⁻³: 62782829

Manufacturing Date: 08AUG2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet mount)	Spirochetes Report results Motile	Spirochetes No growth on agar Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (800 base pairs)	≥ 99% identical to GenBank: AGDR01000034 (<i>T. denticola</i> , strain ASLM)	≥ 99% identical to GenBank: AGDR01000034 (<i>T. denticola</i> , strain ASLM)
Purity (post-freeze) Anaerobic growth ^{3,5} Aerobic growth ⁶	No growth No growth	No growth No growth
Viability (post-freeze)^{3,7}	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*T. denticola*, strain ASLM (also referred to as F0460) was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts, USA. The deposited material was inoculated into Peptone-Yeast medium with rabbit serum and cocarboxylase and an aliquot was inoculated into tryptone-yeast extract-gelatin-volatile fatty acids-serum (TYGVS) medium which was incubated for 6 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). The material from the initial growth was passaged once in TYGVS medium for 3 days at 37°C in an anaerobic atmosphere to produce this lot.

³Growth on agar is not recommended for *T. denticola*, strain F0460 and may not be reproducible.

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

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.

⁶Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

⁷7 days at 37°C in an anaerobic atmosphere in TYGVS medium

Date: 03 OCT 2014

Signature:

BEI Resources Authentication

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