

***Fusobacterium nucleatum* subsp. *polymorphum*, Strain F0401**

Catalog No. HM-260

Product Description: *Fusobacterium nucleatum* (*F. nucleatum*) subsp. *polymorphum*, strain F0401 was isolated from a transtracheal biofilm from a healthy patient.

Lot^{1,2}: 0002007

Manufacturing Date: 28SEP2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility	Gram-negative rods Report results Report results	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 800 base pairs)	≥ 99% identical to GenBank: ADDB01000027.1 (<i>F. nucleatum</i> subsp. <i>polymorphum</i> , strain F0401)	99.7% identical to GenBank: ADDB01000027.1 (<i>F. nucleatum</i> subsp. <i>polymorphum</i> , strain F0401) ⁴
Purity (post-freeze) Anaerobic growth ⁵ Aerobic growth ⁶	Consistent with expected colony morphology No growth	Consistent with expected colony morphology 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*F. nucleatum* subsp. *polymorphum*, strain F0401 was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts, USA. HM-260 was produced by inoculation of HMS-260 (Lot 60354923) into Modified Chopped Meat medium and incubated for 1 day at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ Anaero Pack-Anaero™). An inoculum from this growth was used to inoculate Modified Chopped Meat medium, which was grown for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

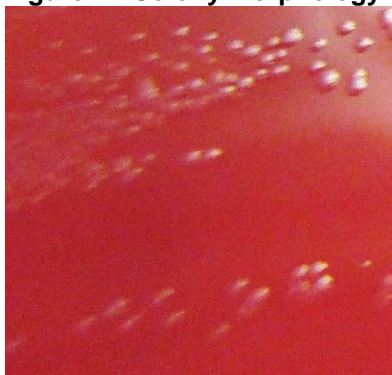
³1 day at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Alignment was completed to the obsolete version of *F. nucleatum* subsp. *polymorphum*, strain F0401 sequence. The updated version of this sequence in GenBank (ADDB00000000.2) was erroneously titled and is identical to the sequence of *Fusobacterium nucleatum* subsp. *animalis*, strain 7_1 (CP007062.1). Please use the obsolete version for sequence information related to HM-260.

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

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

Figure 1: Colony Morphology



Certificate of Analysis for HM-260

Date: 05 JAN 2017

Signature:



BEI Resources Authentication

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