

***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. HM-260 was produced by inoculation of BEI Resources seed lot 60354923 into Modified Chopped Meat Medium and grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Chopped Meat medium for 4 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: 70056277**

**Manufacturing Date: 13DEC2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, slight peaked, entire, smooth and cream  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% sequence identity to <i>F. nucleatum</i> subsp. <i>polymorphum</i> , Strain F0401 (GenBank: ADDB01000027.1)	99.8% sequence identity to <i>F. nucleatum</i> subsp. <i>polymorphum</i> , Strain F0401 (GenBank: ADDB01000027.1) <sup>1,2</sup>
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood  Aerobic with 5% CO <sub>2</sub> 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
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>Alignment 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.

<sup>2</sup>Also consistent with other *Fusobacterium* species.

/Sonia Bjorum Brower/  
Sonia Bjorum Brower

05 JUN 2023

Technical Manager or designee, ATCC Federal Solutions

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