

***Fusobacterium periodonticum*, Strain 1_A_54/D10**

Catalog No. HM-41

Product Description: *Fusobacterium periodonticum* (*F. periodonticum*), strain 1_A_54/D10 was isolated in 2007 from a 74-year-old male patient with active Crohn's disease in Calgary, Alberta, Canada.

Lot^{1,2}: 59994677

Manufacturing Date: 12OCT2011

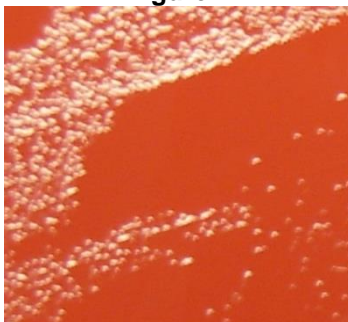
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Report results Report results	Gram-negative rod Circular, convex, glistening and gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>F. periodonticum</i>	≥ 99% identical to depositor's sequence Consistent with <i>F. periodonticum</i>
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. periodonticum*, strain D10/1_A_54 was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-41 was produced by inoculation of the deposited material into Modified Chopped Meat Medium ([ATCC medium 1490](#)) and incubated for 24 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged once in Modified Chopped Meat Medium for 24 hours at 37°C in an anaerobic atmosphere to produce this lot.

³24 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

Figure 1



Date: 19 JUN 2012

Signature:

Title:

Technical Manager, BEI Authentication or designee

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