

***Faecalibacterium prausnitzii*, Strain KLE1255**

Catalog No. HM-473

Product Description: *Faecalibacterium prausnitzii* (*F. prausnitzii*), strain KLE1255 was isolated in August 2009 from human feces.

Lot^{1,2}: 60609349

Manufacturing Date: 11JAN2012

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ^{3,4}	Report results Report results	Gram-negative rod No growth on agar
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1230 base pairs)	≥ 99% identical to GenBank: AECU01000060 (<i>F. prausnitzii</i> , strain KLE1255)	≥ 99% identical to GenBank: AECU01000060 (<i>F. prausnitzii</i> , strain KLE1255)
Viability (post-freeze)⁵	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. prausnitzii*, strain KLE1255 was deposited by Kathrin Witt, Department of Biology, Northeastern University, Boston, Massachusetts. HM-473 was produced by inoculation of the deposited material into Modified Chopped Meat Medium with Carbohydrates and Rumen (ATCC medium 1703) and incubated for 72 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 with Carbohydrates and Rumen for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.

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

⁴*F. prausnitzii* is particularly sensitive to air and does not grow on blood agar [Cato, E. P., C. W. Salmon, and W. E. C. Moore. "*Fusobacterium prausnitzii* (Hauduroy et al.) Moore and Holdeman: Emended Description and Designation of Neotype Strain." *Int. J. Syst. Bacteriol.* 24 (1974): 225-229.

⁵48 hours at 37°C and anaerobic atmosphere in Modified Chopped Meat Medium with Carbohydrates and Rumen (broth)

Date: 19 JUN 2012

Signature:



Title: Technical Manager, BEI Authentication or designee

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