

Chryseobacterium bernardetii, Strain G0229

Catalog No. NR-51489

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Product Description:

Chryseobacterium bernardetii (*C. bernardetii*), strain G0229 was isolated in 1982 from sputum of a human in Doncaster, England. NR-51489 lot 70033888 was produced by inoculation of the deposited material into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70033888

Manufacturing Date: 25MAR2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Biochemical characterization Indole H ₂ S production (lead acetate paper) Growth on MacConkey agar Acid production on maltose Acid production on fructose	Gram-negative rods Report results Report results Positive Negative Positive Positive Positive	Gram-negative rods Circular, convex, entire, smooth and yellow (Figure 1) Non-motile Positive Negative Positive Positive Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% sequence identity to <i>C. bernardetii</i> , strain G0229 (GenBank: CP033932.1)	99.8% sequence identity to <i>C. bernardetii</i> , strain G0229 (GenBank: CP033932.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



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