

***Streptococcus cristatus*, Strain F0329**

Catalog No. HM-163

Product Description:

Streptococcus cristatus (*S. cristatus*), strain F0329 was isolated from a human oral sample. HM-163 lot 70052116 was produced by inoculation of BEI Resources seed lot 59476576 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ 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: 70052116

Manufacturing Date: 20APR2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis on blood agar	Gram-positive Cocci Report results Report results Alpha-hemolytic	Gram-positive Cocci Circular, convex, entire, smooth and gray (Figure 1) Non-motile Alpha-hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>S. cristatus</i> , strain F0329 (GenBank: VKGS01000003.1)	100% sequence identity to <i>S. cristatus</i> , strain F0329 (GenBank: VKGS01000003.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	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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