

***Streptococcus sanguinis*, Strain VMC66**

Catalog No. HM-275

Product Description:

Streptococcus sanguinis (*S. sanguinis*), strain VMC66 was isolated from a patient with a subacute case of bacterial endocarditis. (Note: The strain designation, strain VCM66 on the vial label for lot 70058043 is incorrect. The correct strain designation is VMC66.) HM-275 was produced by inoculation of BEI Resources seed lot 59265325 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: 70058043

Manufacturing Date: 03FEB2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, convex, entire and smooth (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>S. sanguinis</i> , Strain VMC66 (GenBank: AEVH01000020.1)	100% sequence identity to <i>S. sanguinis</i> , Strain VMC66 (GenBank: AEVH01000020.1) 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

¹Consistent with other *Streptococcus* species

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