

***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 70010075 is incorrect. The correct strain designation is VMC66.)

Lot^{1,2}: 70010075

Manufacturing Date: 06DEC2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Non-motile <i>S. sanguinis</i>	Gram-positive cocci Circular, convex, entire, smooth and translucent (Figure 1) Non-motile <i>S. sanguinis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 720 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)
Purity (post-freeze)⁴	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)³	Growth	Growth

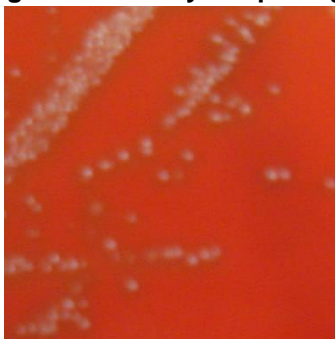
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*S. sanguinis*, strain VMC66 was deposited by Todd Kitten, Ph.D., Associate Professor of Oral & Craniofacial Molecular Biology and Microbiology & Immunology, Virginia Commonwealth University, Richmond, Virginia, USA. HM-275 lot 70010075 was produced by inoculation of BEI Resources HMS-275 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 Brain Heart Infusion kolles, which were grown 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³1 day at 37°C in an aerobic atmosphere with 5% CO₂ on Brain Heart Infusion agar

⁴Purity of this lot was assessed for 9 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



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