

***Streptococcus pneumoniae*, Strain 1105495**

Catalog No. NR-56683

Product Description:

Streptococcus pneumoniae (*S. pneumoniae*), strain 1105495 was isolated in 2014 from a sputum sample of a 4-year-old male in South Africa. It was deposited as resistant to ampicillin, ceftriaxone, erythromycin, penicillin, tetracycline and trimethoprim/ sulfamethoxazole. NR-56683 was produced by inoculation of the deposited material into Heart Brain Infusion broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy with 5% defibrinated sheep blood agar 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.

Lot: 70064728

Manufacturing Date: 16JAN2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Hemolysis Motility (wet mount)	Gram-positive cocci Report results α-hemolytic Report results	Gram-positive cocci Circular, entire, flat and translucent α-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene	Consistent with <i>S. pneumoniae</i>	Consistent with <i>S. pneumoniae</i>
Purity (post-freeze) 9 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

/Sonia Bjorum Brower/

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