

Streptococcus pyogenes, Strain MGAS9894

Catalog No. NR-15275

Product Description:

Streptococcus pyogenes (*S. pyogenes*), strain MGAS9894 was isolated in February 2000 from a case of human necrotizing fasciitis in Ontario, Canada. *S. pyogenes*, strain MGAS9894 has been molecularly characterized as a genotype M3, Group A *Streptococcus* strain. NR-15275 was produced by inoculation of BEI Resources seed lot 61743364 into Tryptic Soy broth and was grown 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 incubated 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: 70081992

Manufacturing Date: 18MAR2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 1 day at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood Hemolysis 1 day at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount) VITEK® MS (MALDI-TOF) Biochemical tests Catalase	Gram-positive cocci Report results β-hemolytic Non-motile <i>S. pyogenes</i> Negative	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) β-hemolytic Non-motile <i>S. pyogenes</i> (99.9%) Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1190 base pairs)	≥ 99% sequence identity to <i>S. pyogenes</i> type strain (GenBank: ATXR01000029.1)	100% sequence identity to <i>S. pyogenes</i> type strain (GenBank: ATXR01000029.1)
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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