

***Streptococcus pyogenes*, Strain MGAS9890**

Catalog No. NR-15274

Product Description: *Streptococcus pyogenes* (*S. pyogenes*), strain MGAS9890, serotype M3, was isolated in February 2000 from a case of human bacteremia in Ontario, Canada.

Lot¹: 61743362

Manufacturing Date: 23MAY2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ³ Motility (wet mount) Biochemical tests: Analytical profile index (API [®] 20 STREP) Catalase	Gram-positive cocci Report results Report results Non-motile Consistent with <i>S. pyogenes</i> Negative	Gram-positive cocci Circular, convex, entire, opaque, smooth and white (Figure 1) β-hemolytic Non-motile Consistent with <i>S. pyogenes</i> ⁴ Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs) Riboprinter [®] Microbial Characterization System	Consistent with <i>S. pyogenes</i> Consistent with <i>S. pyogenes</i>	Consistent with <i>S. pyogenes</i> Consistent with <i>S. pyogenes</i>
Viability (post-freeze)²	Growth	Growth

¹*S. pyogenes*, strain MGAS9890 was deposited by James M. Musser, M.D., Ph.D., Co-Director, Department of Pathology, The Methodist Hospital Research Institute, Houston, Texas, USA. NR-15274 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles which were grown 24 hours at 37°C to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

²24 hours at 37°C in an aerobic atmosphere with 5%CO₂ on Tryptic Soy agar

³24 hours at 37°C in an aerobic atmosphere with 5%CO₂ on Tryptic Soy agar with 5% sheep blood

⁴bioMérieux recommends additional serological tests to confirm the results obtained using API[®] 20 STREP.

Figure 1



Date: 08 AUG 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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