

***Lachnospiraceae* bacterium, Strain 14-2**

Catalog No. NR-36435

Product Description: *Lachnospiraceae* bacterium, strain 14-2 was isolated from mouse intestine in the United States.

Lot¹: 70012202

Manufacturing Date: 09MAY2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility	Report results Report results Report results	Gram-positive rods No growth on agar ³ Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1440 base pairs)	≥ 99% sequence identity to <i>Lachnospiraceae</i> bacterium, strain 14-2 (GenBank: DQ789124.1)	100% sequence identity to <i>Lachnospiraceae</i> bacterium, strain 14-2 (GenBank: DQ789124.1)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Report results No growth	No growth No growth
Viability (post-freeze)⁶	Growth	Growth

¹NR-36435 was produced by inoculation of the deposited material into M2GSC broth, which was incubated for 3 days at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged in M2GSC broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

²3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

³Growth on agar is not recommended for *Lachnospiraceae* bacterium, strain 14-2, and may not be reproducible.

⁴Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

⁶3 days at 37°C in an anaerobic atmosphere in M2GSC broth

/Heather Couch/

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