

Enterococcus faecalis, Strain CH19

Catalog No. NR-31990

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain CH19 was isolated in July 1987 from a wound culture at The Children’s Hospital, Boston, Massachusetts, USA. It is a β -lactamase-producing strain and is known to be resistant to erythromycin, kanamycin, penicillin and tetracycline and high levels of gentamicin and streptomycin.

Lot¹: 61913296

Manufacturing Date: 09AUG2013

| TEST | SPECIFICATIONS | RESULTS |
|--|---|---|
| Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ³ Motility (wet mount) Analytical profile index (API [®] 20 Strep) Vitek [®] Gram-positive identification card (GP) | Gram-positive cocci Report results Non-hemolytic or α -hemolytic Report results Consistent with <i>E. faecalis</i> Report results | Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) Non-hemolytic Non-motile Consistent with <i>E. faecalis</i> Consistent with <i>E. faecalis</i> |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 840 base pairs) | Consistent with <i>E. faecalis</i> | Consistent with <i>E. faecalis</i> ⁴ |
| Viability (post-freeze)² | Growth | Growth |

¹*E. faecalis*, strain CH19 was deposited by Michael S. Gilmore, Ph.D., Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, MA, USA. NR-31990 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles, which were grown 24 hours at 37°C in an aerobic atmosphere 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 on Brain Heart Infusion agar

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

⁴≥ 99% identical to GenBank: AJBF01000003 (*E. faecalis*, strain CH19)

Figure 1



Date: 25 NOV 2013

Signature:

Title: Technical Manager, BEI Authentication or designee

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