

Enterococcus faecium, Strain E0045

Catalog No. NR-31913

Product Description: *Enterococcus faecium* (*E. faecium*), strain E0045 was isolated in 1992 from chicken feces in Great Britain. *E. faecium*, strain E0045 is reported to be resistant to gentamicin and vancomycin.

Lot¹: 61956007

Manufacturing Date: 16AUG2013

| TEST | SPECIFICATIONS | RESULTS |
|---|--|---|
| Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis ³ Motility (wet mount) Analytical profile index (API [®] 20 Strep) | Gram-positive cocci Report results Non-hemolytic or α-hemolytic Report results Consistent with <i>E. faecium</i> | Gram-positive cocci Circular, low convex, entire, smooth and cream (Figure 1) α-hemolytic Non-motile Consistent with <i>E. faecium</i> |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs) | Consistent with <i>E. faecium</i> | Consistent with <i>E. faecium</i> ⁴ |
| Viability (post-freeze)² | Growth | Growth |

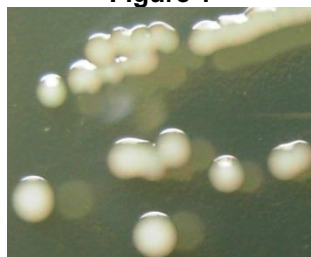
¹*E. faecium*, strain E0045 (also referred to as EnGen0005) was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31913 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar 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: AHW01000077 (*E. faecium*, strain E0045)

Figure 1



Date: 18 FEB 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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