**Enterococcus faecalis, Strain B3336**

**Catalog No. NR-31887**

For research use only. Not for use in humans.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**

**Bacteria Classification:** Enterococcaeae, Enterococcus

**Species:** Enterococcus faecalis

**Strain:** B3336 (also referred to as EnGen0212)

**Original Source:** Enterococcus faecalis (E. faecalis), strain B3336 is an infectious clinical isolate collected from human blood in 1987 in the United States.¹

**Comments:** E. faecalis, strain B3336 is reported to show high-level resistance to gentamicin.¹ The complete genome of E. faecalis, strain B3336 has been sequenced (GenBank: AIRJ00000000).

E. faecalis is a Gram-positive, facultatively anaerobic coccus that is a commensal inhabitant of the gastrointestinal and female genital tract.² It is also the most frequently isolated species, often as a monoinfection, from root canals of endodontically treated teeth with persistent apical periodontitis.³ E. faecalis is an opportunistic pathogen and has become a serious concern in hospitals because of its inherent hardness and high levels of antibiotic resistance.⁴ Virulent strains often express a cytolysin toxin that is encoded on various mobile genetic elements, pathogenicity islands and conjugative plasmids.⁵

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in Tryptic Soy broth supplemented with 10% glycerol.

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**

NR-31887 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Use Restrictions:**

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**Biosafety Level:** 2


**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Enterococcus faecalis, Strain B3336, NR-31887.”

**Propagation:**

**Incubation:**

- **Temperature:** 37°C
- **Atmosphere:** Aerobic (with or without 5% CO₂) or anaerobic

**Propagated:**

1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate for 1 day.

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**Comment:**

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**Disclaimer:**

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**Media:**

- Tryptic Soy broth or Brain Heart Infusion broth or equivalent
- Tryptic Soy agar or Tryptic Soy agar with 5% defibrinated sheep blood or Brain Heart Infusion agar or equivalent

**Growth Conditions:**

**Packaging/Storage:**

1. Transfer the entire thawed aliquot into a single tube of broth.
2. Incubate the tube, slant and/or plate for 1 day.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Keep vial frozen until ready for use, then thaw.

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.
References:

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