

***Clostridium difficile*, Strain P15**

Catalog No. NR-32892

Product Description: *Clostridium difficile* (*C. difficile*), strain P15 is a toxigenic strain obtained in 2005 from fecal material of a human patient with a *C. difficile* infection in western Pennsylvania, USA.

Lot¹: 62082892

Manufacturing Date: 11OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis ² Biochemical tests: Remel RapID™ ANA II Panel Esculin hydrolysis Gelatin hydrolysis	Gram-positive rods Report results Report results Consistent with <i>C. difficile</i> Positive Positive	Gram-positive rods Irregular, flat, curled, rough and gray (Figure 1) Non-hemolytic Consistent with <i>C. difficile</i> Positive Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	Consistent with <i>C. difficile</i>	Consistent with <i>C. difficile</i> ³
Viability (post-freeze)²	Growth	Growth

¹NR-32892 was produced by inoculation of the deposited material into Modified Reinforced Clostridial medium and incubated for 46 hours at 37°C in an anaerobic atmosphere (> 0.5% O₂; Remel™ Anaero Pack-Anaero™ R681001). The material from the initial growth was passaged once in Modified Reinforced Clostridial medium at 37°C for 46 hours in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

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

³≥ 99% identical to GenBank: AVLV01000029 (*C. difficile*, strain P15)

Figure 1



Date: 04 JUN 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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