

***Vibrio cholerae*, Strain CP1041(14) (Biovar EI Tor)**

**Catalog No. NR-28824**

**Product Description:** *Vibrio cholerae* (*V. cholerae*), strain CP1041(14) was deposited as a serogroup O1, biovar EI Tor strain that was isolated from a patient in Zambia in 2004.

**Lot<sup>1</sup>: 62013076**

**Manufacturing Date: 13SEP2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Hemolysis Motility (wet mount) Biochemical characterization: VITEK <sup>®</sup> 2 System (GN Card) Analytical profile index (API <sup>®</sup> 20E)	Report results Report results  Report results Report results  Consistent with <i>V. cholerae</i> Consistent with <i>V. cholerae</i>	Gram-negative rods Circular, low convex, entire, smooth, mucoid, opaque and gray (Figure 1) β-hemolytic Motile  Consistent with <i>V. cholerae</i> Consistent with <i>V. cholerae</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs) Riboprinter <sup>®</sup> Microbial Characterization System	Consistent with <i>V. cholerae</i> Consistent with <i>V. cholerae</i>	Consistent with <i>V. cholerae</i> <sup>3</sup> Consistent with <i>V. cholerae</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-28824 was produced by inoculation of the deposited material into Tryptic Soy broth and grown 24 hours in an aerobic atmosphere at 37°C. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>2</sup>24 hours at 37°C and aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>3</sup>Also consistent with other *Vibrio* species

**Figure 1**



**Date:** 08 FEB 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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