

***Vibrio cholerae*, Strain HC-43B1**

**Catalog No. NR-28853**

**Product Description:** *Vibrio cholerae* (*V. cholerae*), strain HC-43B1 was deposited as a serogroup non-O1/non-O139 strain that was isolated from a patient in Haiti in 2010.

**Lot<sup>1</sup>: 63087134**

**Manufacturing Date: 26NOV2014**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>2</sup> Colony morphology <sup>2</sup>  Hemolysis <sup>3</sup> Motility (wet mount) VITEK <sup>®</sup> MS (MALDI-TOF)	Gram-negative rods Report results  Report results Report results Consistent with <i>V. cholerae</i>	Gram-negative rods Circular, low convex, entire, smooth and yellow (Figure 1) β-hemolytic Motile Consistent with <i>V. cholerae</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 890 base pairs)	Consistent with <i>V. cholerae</i>	Consistent with <i>V. cholerae</i> <sup>4,5</sup>
<b>Purity (post-freeze)<sup>6</sup></b>	Growth consistent with <i>V. cholerae</i>	Growth consistent with <i>V. cholerae</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-28853 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown 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.

<sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Brain Heart Infusion agar

<sup>3</sup>24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>4</sup>≥ 99.7% identical to *V. cholerae*, strain HC-43B1 (GenBank: ALDP01000008)

<sup>5</sup>Also consistent with other *Vibrio* species

<sup>6</sup>Purity of this lot was assessed for 7 days on Brain Heart Infusion agar under propagation conditions.

**Figure 1 - Morphology**



**Date:** 21 MAY 2015

**Signature:**

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