SUPPORTING INFECTIOUS DISEASE RESEARCH

# Vibrio cholerae, Strain CP1032(5) (Biovar El Tor)

# Catalog No. NR-28818

**Product Description:** Vibrio cholerae (V. cholerae), strain CP1032(5) was deposited as a serogroup O1, biovar EI Tor strain that was isolated from a patient in Mexico in 1991.

# Lot<sup>1</sup>: 62013073

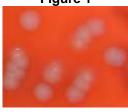
### Manufacturing Date: 25SEP2013

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

<sup>1</sup>NR-28818 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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