

***Bordetella pertussis*, Strain STO1-CHOC-0008**

Catalog No. NR-42450

Product Description: *Bordetella pertussis* (*B. pertussis*), strain STO1-CHOC-0008 was isolated in 2010 from a nasopharyngeal swab of a patient with whooping cough in Orange County, California, USA.

Lot¹: 63214312

Manufacturing Date: 30JAN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-negative bacilli Report results Report results Consistent with <i>B. pertussis</i>	Gram-negative bacilli Circular, low convex, entire, smooth and gray (Figure 1) Non-motile Consistent with <i>B. pertussis</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	Consistent with <i>B. pertussis</i>	Consistent with <i>B. pertussis</i> ³
Purity (post-freeze)⁴	Growth consistent with <i>B. pertussis</i>	Growth consistent with <i>B. pertussis</i>
Viability (post-freeze)²	Growth	Growth

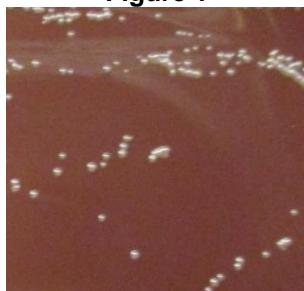
¹NR-42450 was produced by inoculation of the deposited material into Bordet Gengou broth and grown 96 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Bordet Gengou agar kolles which were grown 74 hours at 37°C in an aerobic atmosphere to produce this lot.

²7 days at 37°C in an aerobic atmosphere on Bordet Gengou agar

³≥ 99% identical to GenBank: AXRV02000000 (*B. pertussis*, Strain STO1-CHOC-0008)

⁴Purity of this lot was assessed for 7 days on Bordet Gengou at 37°C in an aerobic atmosphere.

Figure 1



Date: 06 MAY 2015

Signature: 
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