

***Bordetella pertussis*, Strain STO1-SEAT-0004**

Catalog No. NR-42451

Product Description: *Bordetella pertussis* (*B. pertussis*), strain STO1-SEAT-0004 was isolated in 2011 from a nasopharyngeal swab of a patient with whooping cough in Seattle, Washington, USA.

Lot¹: 63214313

Manufacturing Date: 06FEB2015

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 coccobacilli Circular, convex, entire, smooth and cream (Figure 1) Non-motile Consistent with <i>B. pertussis</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1420 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-42451 was produced by inoculation of the deposited material into Bordet Gengou broth and grown 4 days at 37°C in an aerobic atmosphere.

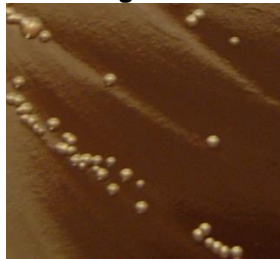
Broth inoculum was added to Bordet Gengou agar kolles which were grown 4 days at 37°C in an aerobic atmosphere to produce this lot.

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

³≥ 99.9% identical to GenBank: AXSJ00000000 (*B. pertussis*, Strain STO1-SEAT-0004)

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

Figure 1



Date: 31 MAR 2015

Signature:

Title: Technical Manager, BEI Authentication or designee

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