

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 2877 (MT1455, Rv1411c)**
**Catalog No. NR-18710**

**Product Description:** *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 2877 was created by disruption of a probable conserved lipoprotein (MT1455, Rv1411c), of the wild-type strain CDC1551. *M. tuberculosis*, strain CDC1551 is a clinical isolate that exhibited high levels of infectivity and virulence during a tuberculosis outbreak that occurred in rural Kentucky and Tennessee from 1994 to 1996.

**Lot<sup>1</sup>: 59357083**
**Manufacturing Date: 23AUG2010**

| TEST   | SPECIFICATIONS   | RESULTS   |
|--|--|---|
| <b>Phenotypic Analysis</b><br>Colony morphology <sup>2</sup><br>Middlebrook 7H10 Agar with OADC enrichment<br>Lowenstein-Jensen (LJ) Agar<br>Tryptic Soy Agar<br>Antibiotic Susceptibility <sup>3</sup><br>Kanamycin (20 µg/mL)<br>Hygromycin (50 µg/mL) | Report results<br>Report results<br>Report results<br><br>Resistant<br>Susceptible | Irregular, peaked, white and rough<br>Growth<br>No growth<br><br>Resistant<br>Susceptible |
| <b>Point of Insertion<sup>3,4</sup></b><br>Base number (TA site) relative to the start position of ORF   | Report results   | 396   |

<sup>1</sup>*M. tuberculosis*, transposon mutant 2877 was prepared by inoculation of a LJ agar slant (VWR Catalog No. 29447-808) with 0.1 mL of the deposited material and incubated 30 days at 37°C.

<sup>2</sup>30 days at 37°C and aerobic atmosphere

<sup>3</sup>Performed on the seed material by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH)

<sup>4</sup>The POI deviates by less than 10 bp from the POI reported by Johns Hopkins University.

**Date: 17 NOV 2010**
**Signature:**

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

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