

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 327 (MT3009, Rv2939)**

Catalog No. NR-14940

This reagent is the tangible property of the U.S. Government.

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 327 was created by disruption of a possible conserved polyketide synthase associated protein (MT3009, Rv2939) 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.

Lot¹: 63567819

Manufacturing Date: 29JUN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Middlebrook 7H10 agar with OADC enrichment Lowenstein-Jensen (LJ) agar Tryptic Soy agar Antibiotic Susceptibility ⁴ Kanamycin (20 µg/mL) Hygromycin (50 µg/mL)	Report results Report results Report results Resistant Susceptible	No growth ³ Irregular, raised, undulate, rough, cream and opaque No growth Resistant Susceptible
Point of Insertion^{4,5} Base number (TA site) relative to the start position of ORF	Report results	286

¹*M. tuberculosis*, transposon mutant 327 was prepared by inoculation of a LJ agar slant (VWR Catalog No. 29447-808) with 0.1 mL of the deposited material and incubated 35 days at 37°C in an aerobic atmosphere with 5% CO₂.

²35 days at 37°C in an aerobic atmosphere with 5% CO₂

³NR-14940 lot 63567819 demonstrated no growth on Middlebrook 7H10 agar with OADC enrichment, however, Colorado State University observed growth of the seed material for this lot on Middlebrook 7H11 agar with OADC enrichment.

⁴Performed on the seed material by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH)

⁵The POI deviates by less than 10 bp from the POI reported by Johns Hopkins University.

Date: 17 DEC 2015

Signature:



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