

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 2949 (MT2089, Rv2030c)**

Catalog No. NR-18747

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Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 2949 was created by disruption of a conserved hypothetical protein (MT2089, Rv2030c) 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: 64168125

Manufacturing Date: 03MAY2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Middlebrook 7H10 agar with OADC enrichment Lowenstein-Jensen (LJ) agar Tryptic Soy agar (TSA) Acid-fast stain Antibiotic Susceptibility ³ Kanamycin (20 µg/mL) Hygromycin (50 µg/mL)	Report results Report results Report results Positive (red colonies) Resistant Susceptible	Circular, raised, undulate, rough and cream Growth Growth ³ Positive (red colonies) Resistant Susceptible
Point of Insertion^{4,5} Base number (TA site) relative to the start position of ORF	Report results	1880

¹*M. tuberculosis*, transposon mutant 2949 was prepared by inoculation of a LJ agar slant (VWR Catalog No. 29447-808) with 0.1 mL of the deposited material and incubated 36 days at 37°C in an aerobic atmosphere with 5% CO₂.

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

³A small number of tiny colonies were observed on the primary inoculation zone as a result of residual growth medium present in the inoculate.

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 base pairs from the POI reported by Johns Hopkins University.

Date: 27 JUL 2016

Signature:



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