

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 450 (MT1987, Rv1937)**

Catalog No. NR-13645

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Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 450 was created by disruption of a possible oxygenase protein (MT1987, Rv1937) 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: 63748892

Manufacturing Date: 31AUG2015

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	128

¹*M. tuberculosis*, transposon mutant 450 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

³NR-13645 lot 63748892 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: 02 MAR 2016

Signature:



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