

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 1478 (MT3031, Rv2957)**

Catalog No. NR-14973

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 1478 was created by disruption of a possible glycosyl transferase (MT3031, Rv2957) 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: 62960999

Manufacturing Date: 19SEP2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Middlebrook 7H10 agar with OADC enrichment Lowenstein-Jensen (LJ) agar Tryptic Soy agar (TSA) Antibiotic Susceptibility ³ Kanamycin (20 µg/mL) Hygromycin (50 µg/mL)	Report results Report results Report results Resistant Susceptible	Irregular, slight peaked, undulate, rough, opaque and cream Growth No growth Resistant Susceptible
Point of Insertion^{3,4} Base number (TA site) relative to the start position of ORF	Report results	492

¹*M. tuberculosis*, transposon mutant 1478 was prepared by inoculation of a LJ agar slant (VWR Catalog No. 29447-808) with 0.1 mL of the deposited material and incubated 21 days at 37°C in an aerobic atmosphere with 5% CO₂.

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

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

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

Date: 13 JAN 2015

Signature:



Title:

Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by ATCC® and the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

