

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 478 (MT3760, Rv3660c)**

Catalog No. NR-14729

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 478 was created by disruption of a conserved hypothetical protein (MT3760, Rv3660c) 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: 61152109

Manufacturing Date: 24AUG2012

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology ² Middlebrook 7H10 Agar with OADC enrichment Lowenstein-Jensen (LJ) Agar Tryptic Soy Agar Antibiotic Susceptibility ³ Kanamycin (20 µg/mL) Hygromycin (50 µg/mL)	Report results Report results Report results Resistant Susceptible	Irregular, peaked, white and rough Growth No growth Resistant Susceptible
Point of Insertion^{3,4} Base number (TA site) relative to the start position of ORF	Report results	734

¹*M. tuberculosis*, transposon mutant 478 was prepared by inoculation of a LJ agar slant (VWR Catalog No. 29447-808) with 0.1 mL of the deposited material and incubated 42 days at 37°C.

²42 days at 37°C and aerobic atmosphere

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: 09 NOV 2012

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.

