b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-14886

Mycobacterium tuberculosis, Strain CDC1551, Transposon Mutant 167 (MT0537, Rv0516c)

Catalog No. NR-14886

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis),* transposon mutant 167 was created by disruption of a conserved hypothetical protein (MT0537, Rv0516c) 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.

Lot[1]: 62676039 **Manufacturing Date: 05JUN2014**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Colony morphology[2]		
Lowenstein-Jensen (LJ) agar	Report results	Growth
Tryptic Soy agar	Report results	No growth
Antibiotic Susceptibility[3]		
Kanamycin (20 µg/mL)	Resistant	Resistant
Hygromycin (50 µg/mL)	Susceptible	Susceptible
Point of Insertion[3,4]		
Base number (TA site) relative to the start position of ORF	Report results	100

[1]*M. tuberculosis,* transposon mutant 167 was prepared by inoculation of a LJ agar slant (VWR Catalog No. 29447-808) with 0.1 mL of the deposited material and incubated 34 days at 37°C in an aerobic atmosphere with 5% CO_2.
[2]34 days at 37°C in an aerobic atmosphere with 5% CO_2
[3]Performed on the seed material by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH)
[4]The POI deviates by less than 10 bp from the POI reported by Johns Hopkins University.

Date: 16 OCT 2014 **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.

Support Provided by NIAID

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.

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898