b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-18620

Mycobacterium tuberculosis, Strain CDC1551, Transposon Mutant 2700 (MT2048, Rv1992c)

Catalog No. NR-18620

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis),* transposon mutant 2700 was created by disruption of a probable metal cation transporter P-type ATPase (MT2048, Rv1992c) 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]: 60050559 **Manufacturing Date: 13APR2011**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Colony morphology[2]		
Middlebrook 7H10 Agar with OADC enrichment	Report results	Irregular, peaked, white and rough
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	1871

[1]*M. tuberculosis,* transposon mutant 2700 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.
[2]36 days at 37°C and aerobic atmosphere
[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: 25 JUL 2011 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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