

# Certificate of Analysis for NR-15778

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant Knock-Out Pool 6**

**Catalog No. NR-15778**

**Product Description:** *Mycobacterium tuberculosis* (*M. tuberculosis*), strain CDC1551 transposon mutant knock-out pool 6 is a mixture of 20 genetically defined *M. tuberculosis* transposon mutants.

**Lot<sup>1</sup>: 59308852**

**Manufacturing Date: 15JUN2010**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Antibiotic Susceptibility <sup>2</sup> Kanamycin (20 µg/mL) Hygromycin (50 µg/mL)	Resistant Susceptible	Resistant Susceptible
<b>Viability Titer (post-freeze)<sup>3</sup></b>	Report results	3.6 x 10 <sup>8</sup> colony-forming units per mL

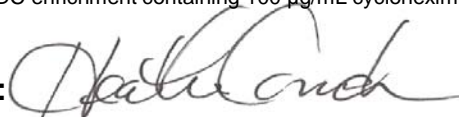
<sup>1</sup>*M. tuberculosis*, transposon mutant knock-out pool 6 was produced by inoculation of Middlebrook 7H9 broth with OADC enrichment containing 100 µg/mL cycloheximide and 20 µg/mL kanamycin with 0.05 mL of the deposited material and incubated 22 days at 37°C with shaking (125 rpm).

<sup>2</sup>Antibiotic susceptibility was tested on cultures grown on Middlebrook 7H10 Agar plates with OADC enrichment containing 100 µg/mL cycloheximide and either 20 µg/mL kanamycin or 50 µg/mL hygromycin B

<sup>3</sup>The titer was determined on Middlebrook 7H10 Agar plates with OADC enrichment containing 100 µg/mL cycloheximide and 20 µg/mL kanamycin.

**Date:** 18 FEB 2011

**Signature:**



**Title:** Technical Manager, BEI Authentication or designee

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