

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant Knock-Out Pool 19**

**Catalog No. NR-15791**

**Product Description:** *Mycobacterium tuberculosis* (*M. tuberculosis*), strain CDC1551 transposon mutant knock-out pool 19 is a mixture of 20 genetically defined *M. tuberculosis* transposon mutants.

**Lot<sup>1</sup>: 59308872**

**Manufacturing Date: 23JUL2010**

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	2.8 x 10 <sup>10</sup> colony-forming units per mL

<sup>1</sup>*M. tuberculosis*, transposon mutant knock-out pool 19 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 28 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

<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:** 28 FEB 2011

**Signature:** 

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

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