

Certificate of Analysis for NR-15792

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant Knock-Out Pool 20**

Catalog No. NR-15792

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

Lot¹: 59308873

Manufacturing Date: 23JUL2010

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Antibiotic Susceptibility ² Kanamycin (20 µg/mL) Hygromycin (50 µg/mL)	Resistant Susceptible	Resistant Susceptible
Viability Titer (post-freeze)³	Report results	3.6 x 10 ⁹ colony-forming units per mL

¹*M. tuberculosis*, transposon mutant knock-out pool 20 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).

²Antibiotic 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

³The 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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