

***Mycobacterium tuberculosis*, Strain CDC1551**

**Catalog No. NR-13649**

This reagent is the tangible property of the U.S. Government.

**Product Description:** *Mycobacterium 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<sup>1</sup>: 59031929**

**Manufacturing Date: 19APR2010**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Colony morphology <sup>2</sup> Acid-fast stain	Report results Positive (red colonies)	Irregular, rough and buff Positive (red colonies)
<b>Genotypic Analysis</b> Sequencing of HSP65 gene (~ 420 base pairs)	Consistent with <i>M. tuberculosis</i>	Consistent with <i>M. tuberculosis</i> <sup>3</sup>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-13649 was produced by inoculation of the deposited material on Middlebrook 7H9 broth with Middlebrook ADC enrichment in an aerobic atmosphere for 8 weeks at 37°C. Broth inoculum was added to kolles (Middlebrook 7H10 agar with OADC enrichment) which were grown 8 weeks at 37°C and aerobic atmosphere to produce this lot.

<sup>2</sup>8 weeks at 37°C and aerobic atmosphere on Middlebrook 7H10 agar with OADC enrichment

<sup>3</sup>Also consistent with other *Mycobacterium* species

**Date:** 01 APR 2014

**Signature:** 

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

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