

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 2741 (MT3516, Rv3408)**

Catalog No. NR-18458

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 2741 was created by disruption of a hypothetical protein (MT3516, Rv3408) 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: 60501910

Manufacturing Date: 05OCT2011

QC testing was performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH). The Colorado State University documentation for TN: NA0626 is attached.

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.
You are authorized to use this product for research use only. It is not intended for human use.

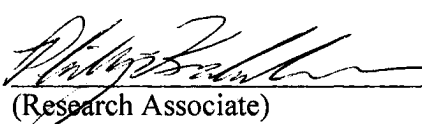
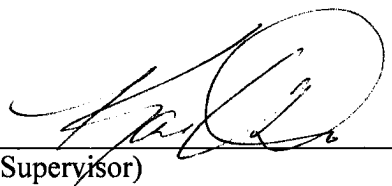


Tn3516_185 Mutant QC Record

ID: Tn3516_185
Species: M. tuberculosis
Strain: CDC1551
Gene: 3516
Rv Gene¹: RV3408
POI²: 185
Verified by SOP: tn009
Sequence File: NA0626.ab1

Growth Rate: ~2.3 weeks
Media recovered on: LJ_X 7H11_X
Colony Morphology: normal

Antibiotic Susceptibility: Kan₂₀-Resistant
Hyg₅₀-Susceptible

 10/5/11  10/9/11
(Research Associate) (Date) (Supervisor) (Date)

¹The Rv number corresponds to the number confirmed on Tuberculist. If blank the number could not be confirmed or no homologous gene exists.

²The POI deviates by less than 10bp from the POI reported by JHU.