

Mycobacterium tuberculosis*, Strain CDC1551, Gamma-Irradiated Whole Cells*Catalog No. NR-49099**

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

Product Description: *Mycobacterium tuberculosis*, strain CDC1551 was grown to late-log phase in glycerol-alanine-salts medium and inactivated by exposure to 2.4 megaRads of ionizing gamma irradiation using a ¹³⁷Cs source.

Lot: 63141095**Manufacturing Date: 14JUL2014**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for bulk lot 14.CSU93.4.15.9.WCg.b is attached.

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WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 14.CSU93.4.15.9.WCg.b

Species: M. tuberculosis

Strain: CDC1551

Growth Conditions: Medium: GAS
of Fernbachs: 8 # of Roller bottles: 40
Inoculation Date: 4.15.14 Harvest Date: 4.29.14
SOP # used for Harvest: PP003.3 1/11/13 version

Wet Weight: 75.1g

Date irradiated: 7.14.14 By: JB

Alamar Blue QC Information

Date Started: 8.6.14 Date Checked: 8.8.14

Positive Control: Positive X Negative


OD =.01 change: 0.0478

Sample: Positive Negative X

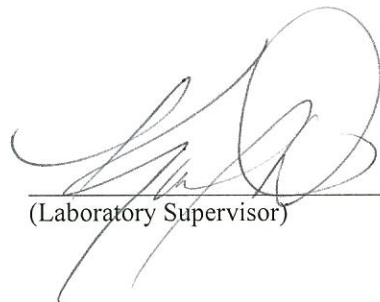
OD=.01 change: 0.0018

Aliquot Information

1 x 75.1g in 230ml falcon tube



(Research Associate) 8-8-14 (date)



(Laboratory Supervisor) 8/11/14 (date)

Initial 0 hr 570/600	
raw	0.74
8-6-14.	0.73
14.CSU93.4.15.9.WCg.b	0.73
	0.77
	0.71
	0.74
	0.73
	0.72
	0.72

Initial Minus Blank	
OD .1	0.02
OD .01	0.00
OD .001	-0.01
OD.0001	-0.01
Sample	0.01
	0.00
	0.05
	-0.01
Pos. Cont.	0.01
	0.00
	0.00
	-0.01

Initial Average	
OD .1	0.01
OD .01	0.00
OD .001	0.01
OD.0001	-0.01
Sample	0.01
Pos. Ctrl.	0.00
	0.00
	-0.01

Sample .1	Sample .01	Pos .1	Pos .01
0	0.01	0.00	0.01
24	0.03	-0.02	0.91
48	0.10	0.01	2.31

24hr 570/600	
8-7-14.	0.79
	0.75
	0.76
	0.74
	0.75
	0.75
	0.77
	0.78

24hr Minus Blank	
OD .1	0.02
OD .01	-0.02
OD .001	-0.01
OD.0001	-0.01
Sample	0.03
	-0.03
	-0.02
	-0.03
Pos. Cont.	0.91
	0.08
	0.00
	0.01

24hr Average	
OD .1	0.03
OD .01	-0.02
OD .001	-0.02
OD.0001	-0.02
Sample	0.91
Pos. Ctrl.	0.08
	0.00
	0.00
	0.01

48 hr 570/600	
8-8-14.	0.86
	0.78
	0.77
	0.77
	0.76
	0.88
	0.78
	0.77
	0.78
	0.91
	0.78
	0.76

48hr Minus Blank	
OD .1	0.09
OD .01	0.01
OD .001	0.00
OD.0001	0.00
Sample	0.10
	0.01
	0.00
	0.00
Pos. Cont.	0.11
	0.01
	0.00
	0.00
	0.01
	0.01
	0.00

48hr Average	
OD .1	0.10
OD .01	0.01
OD .001	0.00
OD.0001	0.00
Sample	2.31
Pos. Ctrl.	0.14
	0.01
	0.01
	0.00

