

Mycobacterium tuberculosis*, Strain H37Rv, Gamma-Irradiated Whole Cells*Catalog No. NR-14819**

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Product Description: *Mycobacterium tuberculosis*, strain H37Rv, 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: 61699471**Manufacturing Date: 11MAR2013**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for bulk lot 13.Rv.2.2.12.6.WCg.b is attached.

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WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 13.Rv.2.2.12.6.WCg.b

Species: M. tuberculosis

Strain: H37Rv

Growth Conditions: Medium: GAS
of Fernbachs: 8 # of Roller bottles: 40
Inoculation Date: 2.12.13 Harvest Date: 2.26.13
SOP # used for Harvest: PP003.3 1/11/13 version

Wet Weight: 81.6g

Date irradiated: 3.11.13 By: JB

Alamar Blue QC Information

Date Started: 3.28.13 Date Checked: 3.30.13

Positive Control: Positive X Negative _____


OD=.1 change: 0.0385

Sample: Positive _____ Negative X _____

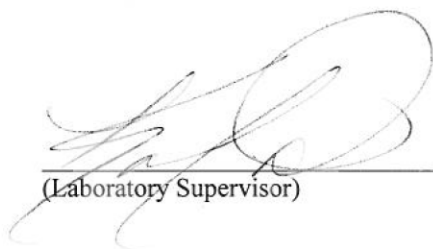
OD=.1 change: 0.001

Aliquot Information

1 x 81.6 in 230ml falcon tube



(Research Associate) 4-11-13
(date)



(Laboratory Supervisor) 4/11/2013
(date)

Initial 0 hr 570/600					
raw	3-28-13.	0.67	0.66	0.73	0.73
13.Rv 2.2.12.6.WCg b		0.67	0.66	0.72	0.72
		0.66	0.67	0.71	0.72
		0.79	0.75	0.69	0.65

24hr 570/600					
	3-29-13.	0.75	0.72	0.73	0.75
		0.74	0.72	0.72	0.74
		0.74	0.71	0.73	0.73
		0.97	0.78	0.76	0.78

48 hr 570/600					
	3.30.13.	0.77	0.73	0.73	0.72
		0.75	0.72	0.71	0.70
		0.75	0.73	0.72	0.71
		2.67	0.99	0.74	0.73

Initial Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	-0.02	-0.03	0.03	0.03
	-0.03	-0.04	0.03	0.03
	-0.03	-0.03	0.02	0.02
Pos. Ctrl.	0.09	0.05	-0.01	-0.05

24hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.02	0.00	0.00	0.02
	0.01	-0.01	0.00	0.01
	0.01	-0.02	0.00	0.01
Pos. Ctrl.	0.24	0.05	0.03	0.05

48hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.03	0.00	-0.01	-0.02
	0.01	-0.02	-0.03	-0.04
	0.02	-0.01	-0.01	-0.02
Pos. Ctrl.	1.94	0.25	0.00	0.00

Initial Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	-0.03	-0.04	0.02	0.03
Pos. Ctrl.	0.09	0.05	-0.01	-0.05

24hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.02	-0.01	0.00	0.01
Pos. Ctrl.	0.24	0.05	0.03	0.05

48hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.02	-0.01	-0.02	-0.03
Pos. Ctrl.	1.94	0.25	0.00	0.00

	Sample .1	Sample .01	Pos .1	Pos .01
0	-0.03	-0.04	0.09	0.05
24	0.02	-0.01	0.24	0.05
48	0.02	-0.01	1.94	0.25

570/600 vs Time

