

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: 62205404**Manufacturing Date: 01APR2011**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for bulk lot 11.Rv.2.2.21.5.WCg is attached.

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WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 11.Rv.2.2.21.5.WCg
Species: M. tuberculosis
Strain: H37Rv

Growth Conditions: Medium: GAS
of Fernbachs: 8 # of Roller bottles: 40
Inoculation Date: 02.21.11 Harvest Date: 03.07.11
SOP # used for Harvest: PP003.5/9/08 version

Wet Weight: 89.6g

Date irradiated: 04.01.11 By: CW

Alamar Blue QC Information

Date Started: 07.12.11 Date Checked: 07.14.11

Positive Control: Positive x Negative _____

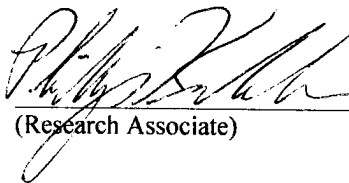
OD_{positive} = .1 Y value: 0.0369

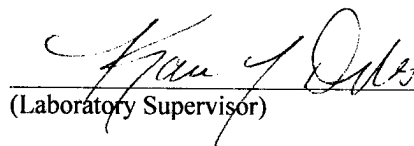
Sample: Positive _____ Negative x

OD_{sample} = .1 Y value: 0.0013

Aliquot Information

1 x 89.6 g in 230ml falcon tube


07-18-11
(Research Associate) (date)


7/19/2011
(Laboratory Supervisor) (date)

Initial 0 hr 570/600					
0.74	0.93	0.82	0.78	0.76	0.76
1	0.91	0.76	0.7	0.71	0.67
1	0.97	0.68	0.68	0.7	0.7
1	1.08	0.69	0.67	0.69	0.71

Initial Minus Blank					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.08	0.04	0.02	0.02	0.02
	0.02	-0.04	-0.03	-0.07	-0.07
	-0.06	-0.06	-0.04	-0.04	-0.04
Pos. Cont.	-0.05	-0.07	-0.05	-0.03	-0.03

Initial Average					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.0133333	-0.02	-0.016667	-0.03	-0.03
Pos. Ctrl.	-0.05	-0.07	-0.05	-0.03	-0.03
48 hr 570/600					
0.75	1	0.84	0.76	0.74	0.75
1	0.99	0.82	0.75	0.74	0.74
1	0.99	0.82	0.75	0.74	0.74
1	0.81	2.47	0.91	0.76	0.75

48hr Minus Blank					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.09	0.01	-0.01	0	0
	0.07	0	-0.01	-0.01	-0.01
	0.07	0	-0.01	-0.01	-0.01
Pos. Cont.	1.72	0.16	0.01	0	0

48hr Average					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.0766667	0.0033333	-0.01	-0.0066667	-0.0066667
Pos. Ctrl.	1.72	0.16	0.01	0	0

24hr 570/600					
0.74	0.99	0.82	0.75	0.73	0.73
1	1	0.82	0.75	0.73	0.73
1	1.01	0.8	0.74	0.74	0.73
1	0.98	1.49	0.82	0.74	0.74

24hr Minus Blank					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.08	0.01	-0.01	-0.01	-0.01
	0.08	0.01	-0.01	-0.01	-0.01
	0.06	0	0	-0.01	-0.01
Pos. Cont.	0.75	0.08	0	0	0

24hr Average					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.0733333	0.006667	-0.006667	-0.01	-0.01
Pos. Ctrl.	0.75	0.08	0	0	0

	Sample .1	Sample .01	Pos .1	Pos .01
0	0.013333	-0.02	-0.05	-0.07
24	0.073333	0.006667	0.75	0.08
48	0.076667	0.003333	1.72	0.16

570/600 vs Time

