

Mycobacterium tuberculosis*, Strain H37Rv, Gamma-Irradiated Whole Cells*Catalog No. NR-49098**

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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: 63141094**Manufacturing Date: 30SEP2014**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot 14.Rv.2.8.5.8.WCg.b is attached.

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WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 14.Rv.2.8.5.8.WCg.b
Species: M. tuberculosis
Strain: H37Rv

Growth Conditions: Medium: GAS
of Fernbachs: 8 # of Roller bottles: 0
Inoculation Date: 8.5.14 Harvest Date: 8.19.14
SOP # used for Harvest: PP003.3 1/11/13 version

Wet Weight: 52.7g

Date irradiated: 9.30.14 By: RS

Alamar Blue QC Information

Date Started: 11.5.14 Date Checked: 11.7.14

Positive Control: Positive X Negative


Sample: Positive Negative X

Aliquot Information

1 x 52.7g in 230ml falcon tube



(Research Associate) 11-17-14
(date)



(Laboratory Supervisor) 11/19/2014
(date)

		Initial 0 hr 570/600				
raw	11-5-14.	0.76	0.73	0.71	0.69	
	14.Fv.2.8.5.WCgb	0.76	0.69	0.73	0.71	
		0.75	0.75	0.74	0.70	
		0.76	0.76	0.73	0.71	

		Initial Minus Blank				
		OD .1	OD .01	OD .001	OD.0001	
Sample		0.04	0.02	0.00	-0.02	
		0.04	-0.02	0.01	0.00	
		0.04	0.03	0.02	-0.01	
Pos. Cont.		0.05	0.05	0.01	-0.01	

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

	Sample .1	Sample .01	Pos .1	Pos .01
0	0.04	0.01	0.05	0.05
24	0.05	0.00	0.92	0.10
48	0.07	0.01	2.67	0.20

		24hr 570/600				
	11-6-14.	0.78	0.74	0.73	0.73	
		0.79	0.74	0.73	0.73	
		0.78	0.74	0.73	0.73	
		1.65	0.83	0.75	0.74	

		24hr Minus Blank				
		OD .1	OD .01	OD .001	OD.0001	
Sample		0.04	0.00	0.00	0.00	
		0.05	0.00	0.00	0.00	
		0.04	0.00	0.00	0.00	
Pos. Cont.		0.92	0.10	0.01	0.00	

		24hr Average				
		OD .1	OD .01	OD .001	OD.0001	
Sample		0.05	0.00	0.00	0.00	
Pos. Ctrl.		0.92	0.10	0.01	0.00	

		48 hr 570/600				
	11-7-14.	0.81	0.75	0.74	0.74	
		0.82	0.75	0.75	0.74	
		0.81	0.75	0.75	0.74	
		3.42	0.94	0.77	0.75	

		48hr Minus Blank				
		OD .1	OD .01	OD .001	OD.0001	
Sample		0.07	0.01	0.00	0.00	
		0.07	0.01	0.00	0.00	
		0.07	0.01	0.00	0.00	
Pos. Cont.		2.67	0.20	0.02	0.01	

		48hr Average				
		OD .1	OD .01	OD .001	OD.0001	
Sample		0.07	0.01	0.00	0.00	
Pos. Ctrl.		2.67	0.20	0.02	0.01	

570/600 vs Time

