

***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 <sup>137</sup>Cs source.

**Lot: 63648739****Manufacturing Date: 20MAY2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot 15.Rv.2.2.10.9.WCg.a is attached.

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**WORK SHEET FOR  $\gamma$ -IRRADIATED CELLS**

**General Information**

Lot Number: 15.Rv.2.2.10.9.WCg.a

Species: M. tuberculosis

Strain: H37Rv

**Growth Conditions:** Medium: GAS  
# of Fernbachs: 8 # of Roller bottles: 40  
Inoculation Date: 2.10.15 Harvest Date: 2.24.15  
SOP # used for Harvest: PP003.3 1/11/13 version

Wet Weight: 77g

Date irradiated: 5.20.15 By: RS

**Alamar Blue QC Information**

Date Started: 6.3.15 Date Checked: 6.5.15


Positive Control: Positive X Negative       

Sample: Positive        Negative X

**Aliquot Information**

1 x 77g in 230ml falcon tube

  
\_\_\_\_\_  
(Research Associate) 6-9-15  
(date)

  
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(Laboratory Supervisor) 6/10/2015  
(date)

raw	Initial 0 hr 570/600			
6-3-15.	0.79	0.78	0.75	0.75
15.Rv.2.10.9.WCg.a	0.78	0.78	0.76	0.75
	0.77	0.78	0.76	0.74
	0.80	0.75	0.74	0.73

Initial Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.05	0.04	0.01	0.00
	0.04	0.03	0.01	0.01
	0.02	0.04	0.02	-0.01
Pos. Cont.	0.06	0.01	-0.01	-0.01

Initial Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.04	0.03	0.01	0.00
Pos. Ctrl.	0.06	0.01	-0.01	-0.01

	Sample .1	Sample .01	Pos.1	Pos.01
0	0.04	0.03	0.06	0.01
24	0.09	0.01	2.94	2.72
48	0.15	0.02	2.14	5.44

24hr 570/600				
6-4-15.	0.84	0.76	0.76	0.76
	0.84	0.76	0.76	0.76
	0.85	0.77	0.76	0.76
	3.70	3.47	0.93	0.76

24hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.09	0.01	0.01	0.00
	0.08	0.01	0.00	0.00
	0.09	0.01	0.00	0.00
Pos. Cont.	2.94	2.72	0.18	0.01

24hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.09	0.01	0.00	0.00
Pos. Ctrl.	2.94	2.72	0.18	0.01

48 hr 570/600				
6-5-15.	0.91	0.78	0.77	0.77
	0.90	0.78	0.77	0.77
	0.92	0.79	0.77	0.77
	2.90	6.20	1.09	0.78

48hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.15	0.02	0.01	0.00
	0.14	0.02	0.00	0.00
	0.15	0.02	0.00	0.00
Pos. Cont.	2.14	5.44	0.33	0.02

48hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.15	0.02	0.00	0.00
Pos. Ctrl.	2.14	5.44	0.33	0.02

