

***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: 63902772****Manufacturing Date: 23JAN2016**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot 15.Rv.2.10.27.9.WCg.a is attached.

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WORK SHEET FOR  $\gamma$ -IRRADIATED CELLS

General Information

Lot Number: 15.Rv.2.10.27.9.WCg.a

Species: M. tuberculosis

Strain: H37Rv

Growth Conditions: Medium: GAS  
# of Fernbachs: 8 # of Roller bottles: 40  
Inoculation Date: 10.27.15 Harvest Date: 11.10.15  
SOP # used for Harvest: PP003.3 1/11/13 version

Wet Weight: 67.5g

Date irradiated: 1.23.16 By: JB

Alamar Blue QC Information

Date Started: 4.13.16 Date Checked: 4.15.16

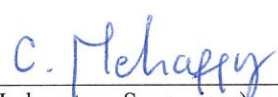
Positive Control: Positive X Negative \_\_\_\_\_

Sample: Positive \_\_\_\_\_ Negative X

Aliquot Information

1 x 67.5g in 230ml falcon tube

  
\_\_\_\_\_  
(Research Associate) 4-20-16  
(date)

  
\_\_\_\_\_  
(Laboratory Supervisor) 4-20-16  
(date)

Initial 0 hr 570/600					
raw	4-13-16.	0.79	0.77	0.76	0.76
15.Rv.2.10.27.9.WCg.a		0.79	0.76	0.76	0.76
		0.80	0.75	0.75	0.76
		0.79	0.76	0.75	0.75

Initial Minus Blank					
	OD .1	OD .01	OD .001	OD.00001	
Sample	0.05	0.03	0.02	0.02	0.02
Pos. Cont.	0.06	0.02	0.01	0.02	0.02
	0.05	0.02	0.01	0.01	0.01

Initial Average					
	OD .1	OD .01	OD .001	OD.00001	
Sample	0.05	0.02	0.02	0.02	0.02
Pos. Ctrl.	0.05	0.02	0.01	0.01	0.01

Sample .1	Sample .01	Pos .1	Pos .01
0	0.05	0.02	0.05
24	0.06	0.00	1.57
48	0.08	0.01	3.48

24hr 570/600					
	4-14-16.	0.78	0.71	0.71	0.74
		0.79	0.74	0.74	0.77
		0.81	0.75	0.76	0.81
		2.30	1.02	0.79	0.83

24hr Minus Blank					
	OD .1	OD .01	OD .001	OD.00001	
Sample	0.04	-0.02	-0.03	0.01	0.01
Pos. Cont.	0.06	0.01	0.01	0.03	0.03
	0.08	0.02	0.03	0.08	0.08
	1.57	0.28	0.05	0.09	0.09

24hr Average					
	OD .1	OD .01	OD .001	OD.00001	
Sample	0.06	0.00	0.00	0.04	0.04
Pos. Ctrl.	1.57	0.28	0.05	0.09	0.09

48 hr 570/600					
	4-15-16.	0.84	0.77	0.77	0.77
		0.85	0.77	0.77	0.77
		0.84	0.77	0.77	0.77
		4.25	3.19	0.92	0.78

48hr Minus Blank					
	OD .1	OD .01	OD .001	OD.00001	
Sample	0.08	0.01	0.00	0.00	0.00
Pos. Cont.	0.07	0.01	0.00	0.00	0.00
	3.48	2.42	0.15	0.02	0.02

48hr Average					
	OD .1	OD .01	OD .001	OD.00001	
Sample	0.08	0.01	0.00	0.00	0.00
Pos. Ctrl.	3.48	2.42	0.15	0.02	0.02

