

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

This reagent is the tangible property of the U.S. Government.

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: 62205406**Manufacturing Date: 10APR2011**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for bulk lot 11.Rv.2.3.21.7.A.WCg is attached.

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 11.Rv.2.3.21.7.A.WCg
Species: M. tuberculosis
Strain: H37Rv

Growth Conditions: Medium: GAS
of Fernbachs: 8 # of Roller bottles: 40
Inoculation Date: 03.21.11 Harvest Date: 04.04.11
SOP # used for Harvest: PP003.5/9/08 version

Wet Weight: 89.9g

Date irradiated: 04.10.11 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: 0.0438


Sample: Positive _____ Negative x

OD_{sample} = .1 Y value: 0.005

Aliquot Information

1 x 89.9 g in 230ml falcon tube


07.26.11
(Research Associate) (date)


7/26/11
(Laboratory Supervisor) (date)

Initial 0 hr 570/600					
0.78	1	0.81	0.71	0.76	0.7
1	1.01	0.76	0.71	0.71	0.74
0.98	1	0.73	0.68	0.67	0.71
1	1.09	0.72	0.67	0.68	0.68

Initial Minus Blank					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.03	-0.07	-0.02	-0.08	-0.08
	-0.02	-0.07	-0.07	-0.04	-0.04
	-0.05	-0.1	-0.11	-0.07	-0.07
Pos. Cont.	-0.06	-0.11	-0.1	-0.1	-0.1

Initial Average					
	OD .1	OD .01	OD .001	OD.0001	
Sample	-0.013333	-0.08	-0.066667	-0.0633333	-0.1
Pos. Ctrl.	-0.06	-0.11	-0.1	-0.1	-0.1
48 hr 570/600					
0.75	0.98	0.99	0.78	0.75	0.74
1	0.95	0.98	0.77	0.75	0.74
1	0.96	0.96	0.76	0.74	0.74
1	0.85	2.79	0.94	0.77	0.75

48hr Minus Blank					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.24	0.03	0	-0.01	-0.01
	0.23	0.02	0	-0.01	-0.01
	0.21	0.01	-0.01	-0.01	-0.01
Pos. Cont.	2.04	0.19	0.02	0	0

48hr Average					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.2266667	0.02	-0.0033333	-0.01	-0.01
Pos. Ctrl.	2.04	0.19	0.02	0	0

24hr 570/600					
	0.74	0.95	0.94	0.75	0.73
	1	0.98	0.91	0.76	0.74
	1	1.01	0.89	0.76	0.74
	1	1	1.54	0.83	0.74

24hr Minus Blank					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.2	0.01	-0.01	-0.01	-0.01
	0.17	0.02	0	-0.01	-0.01
	0.15	0.02	0	-0.01	-0.01
Pos. Cont.	0.8	0.09	0	-0.01	-0.01

24hr Average					
	OD .1	OD .01	OD .001	OD.0001	
Sample	0.173333	0.016667	-0.0033333	-0.01	-0.01
Pos. Ctrl.	0.8	0.09	0	-0.01	-0.01