

Certificate of Analysis for NR-49102

***Mycobacterium tuberculosis*, Strain East African Indian 91_0079, Gamma-Irradiated Whole Cells**

Catalog No. NR-49102

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

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), strain East African Indian 91_0079 was grown to late log phase in glycerol-alanine-salts medium and inactivated by exposure to 2.4 mRads of ionizing gamma irradiation using a ¹³⁷Cs source.

Lot: 63648741

Manufacturing Date: 02DEC2015

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot 15.EAI.10.6.11.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.

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WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 15.EAI.10.6.11.WCg

Species: M. tuberculosis

Strain: East African Indian 91_0079

Growth Conditions: Medium: GAS
of Fernbachs: 16 # of Roller bottles: 0
Inoculation Date: 10.6.15 Harvest Date: 10.20.15
SOP # used for Harvest: PP003.3

Wet Weight: 74.6g

Date irradiated: 12.2.15 By: JB

Alamar Blue QC Information


Date Started: 1.27.16 Date Checked: 1.29.16


Positive Control: Positive X Negative

Sample: Positive Negative X

Aliquot Information

1 x 74.6g in 230ml falcon tube


(Research Associate) 2-8-16
(date)


(Laboratory Supervisor) 2-9-16
(date)

Initial 0 hr 570/600				
raw	1-27-16.	0.78	0.75	0.75
15 EAI.10.6.11.WCg				
		0.78	0.74	0.75
		0.78	0.75	0.74
		0.78	0.74	0.73

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

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

Sample .1	Sample .01	Pos .1	Pos .01
0	0.04	0.00	0.04
24	0.09	0.01	2.77
48	0.13	0.02	1.78

24hr 570/600				
	1-28-16.	0.87	0.79	0.79
		0.88	0.79	0.78
		0.86	0.79	0.78
		3.55	1.06	0.81

24hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.08	0.01	0.00	0.00
	0.10	0.01	0.00	0.00
	0.08	0.01	0.00	0.00
Pos. Cont.	2.77	0.28	0.03	0.00

24hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.09	0.01	0.00	0.00
Pos. Ctrl.	2.77	0.28	0.03	0.00

48 hr 570/600				
	1-29-16.	0.93	0.82	0.81
		0.94	0.82	0.81
		0.93	0.82	0.81
		2.58	1.34	0.85

48hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.13	0.01	0.00	0.00
	0.14	0.02	0.00	0.00
	0.13	0.02	0.00	0.00
Pos. Cont.	1.78	0.53	0.04	0.00

48hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.13	0.02	0.00	0.00
Pos. Ctrl.	1.78	0.53	0.04	0.00

570/600 vs Time

