

Mycobacterium bovis*, Strain AF 2122/97 (ATCC® BAA-935™), Gamma-Irradiated Whole Cells*Catalog No. NR-31210**

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Product Description:

Mycobacterium bovis (*M. bovis*), strain AF 2122/97 (ATCC® BAA-935™) was grown to late-log phase in sodium pyruvate alanine salts medium and inactivated by exposure to a Cs source with the delivery of 1.44 to 2.4 mRads of ionizing radiation (dose range is provided due to variation across the sample chamber).

Lot: 70050226**Manufacturing Date: 21FEB2022**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 22.BAA935.1.5.7.WCg is attached.

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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: 22.BAA935.1.5.7.WCg

Species: M. bovis

Strain: BAA935

Growth Conditions:

Medium: SPAS

of Fernbachs: 16

of Roller bottles: 0

Inoculation Date: 1.5.22 Harvest Date: 1.26.22

SOP # used for Harvest: PP0055

Wet Weight: 24.7g

Date irradiated: 2.21.22

By: JB

Additional Notes: NA

Alamar Blue QC Information

Date Started: 2.28.22

Date Checked: 3.2.22

Positive Control: Positive X Negative

Sample: Positive Negative X


Aliquot Information

1 x 24.7g in 230ml falcon tube



(Research Associate)

3-2-22
(date)



(Laboratory Supervisor)

3-3-22
(date)

Initial 0 hr 570/600	
raw	2-28-22.
	0.87
	0.76
	0.76
	0.86
	0.78
	0.75

Initial Minus Blank			
	OD .1	OD .01	OD .001
Sample	0.11	-0.03	-0.01
	0.01	-0.01	0.01
	0.11	0.01	-0.01
Pos. Cont.	0.02	0.00	0.02

Initial Average			
	OD .1	OD .01	OD .001
Sample	0.08	-0.01	0.00
Pos. Ctrl.	0.02	0.00	0.02

	Sample .1	Sample .01	Pos .1	Pos .01
0	0.08	-0.01	0.02	0.00
24	0.07	0.01	5.54	0.43
48	0.08	0.01	4.74	0.80

24hr 570/600	
	3-1-22.
	0.82
	0.80
	0.82
	6.28
	1.17
	0.75

24hr Minus Blank			
	OD .1	OD .01	OD .001
Sample	0.08	0.01	0.01
	0.06	0.01	0.00
	0.08	0.01	0.00
Pos. Cont.	5.54	0.43	0.03

24hr Average			
	OD .1	OD .01	OD .001
Sample	0.07	0.01	0.00
Pos. Ctrl.	5.54	0.43	0.03

48 hr 570/600	
	3-2-22.
	0.84
	0.82
	0.85
	5.49
	1.55
	0.75

48hr Minus Blank			
	OD .1	OD .01	OD .001
Sample	0.09	0.01	0.00
	0.07	0.01	0.00
	0.10	0.01	0.00
Pos. Cont.	4.74	0.80	0.03

48hr Average			
	OD .1	OD .01	OD .001
Sample	0.08	0.01	0.00
Pos. Ctrl.	4.74	0.80	0.03

570/600 vs Time

