SUPPORTING INFECTIOUS DISEASE RESEARCH

# *Mycobacterium bovis*, Strain AF 2122/97 (ATCC<sup>®</sup> BAA-935<sup>™</sup>), Gamma-Irradiated Whole Cells

### Catalog No. NR-31210

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

## **Product Description:**

*Mycobacterium bovis (M. bovis)*, strain AF 2122/97 (ATCC<sup>®</sup> BAA-935<sup>™</sup>) 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: 70062370

## Manufacturing Date: 10JUL2023

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 23.BAA935.6.14.7.WCg is attached.

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### WORK SHEET FOR y-IRRADIATED CELLS

### **General Information**

Lot Number: <u>23.BAA935.6.14.7.WCg</u> Species: <u>M. bovis</u> Strain: <u>BAA935</u>

Growth Conditions: Medium: SPAS # of Fernbachs: 8 # of Roller bottles: 40 Inoculation Date: 6.14.23 Harvest Date: 7.5.23 SOP # used for Harvest: PP0055

Wet Weight: 38.8g

Date irradiated: 7.10.23 By: JB

Additional Notes: NA

#### **Alamar Blue QC Information**

Date Started: 7.17.23 Date Checked: 7.19.23

Positive Control: Positive X Negative

Sample: Positive \_\_\_\_ Negative \_X

### **Aliquot Information \***

1 x 38.8g in 230ml falcon tube

\*Aliquot information reflects aliquots made at the time of QC. Bulk aliquots will be broken down as needed

and the

7-24-23

(Research Associate)

(date)

Rebecca Staudenmaier 7/25/2023

(date)

(Laboratory Supervisor)

Initial 0 hr 570/600							
raw 7-17-23. 0.83 0.8 0.8 0.7							
23.BAA935.6.14.7.WCg 0.85				0.79	0.79		
		0.85	0.81	0.8	0.79		
		0.82	0.82	0.81	0.8		

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

Initial Average						
OD.1 OD.01 OD.001 OD.0001						
Sample	0.05	0.01	0.00	0.00		
Pos. Ctrl- 0.03 0.02 0.02 0.01						

	Sample 1	Sample .01	Pos 1	Pos .01
0	0.05	0.01	0.03	0.02
24	0.07	0.02	1.75	0-17
48	0.08	0.02	1.47	0.26

24hr 570/600						
7-18-23.	0.84	0.79	0.79	0.79		
	0.85	0.81	0.79	0.79		
	0.85	0.8	0.8	0.8		
	2.53	0.95	0.82	0.79		

	24hr Minus Blank								
	OD.1 OD.01 OD.001 OD.0001								
	0.06	0.01	0.01	0.01					
Sample	0.07	0.02	0.01	0.01					
	0.07	0.02	0.01	0.02					
Pos. Cont.	1.75	0,17	0.03	0.01					

24hr Average						
OD.1 OD.01 OD.001 OD.0001						
Sample	0.07	0.02	0.01	0.01		
Pos. Ctrl.	1.75	0.17	0.03	0.01		

48 hr 570/600						
7-19-23.	0.85	0.8	0.79	0.79		
	0.86	0.81	0.8	0.8		
	0.86	0.81	0.8	0.8		
	2.25	1.04	0.83	0.8		

48hr Minus Blank							
	OD .1	OD .01	OD .001	OD.0001			
	0.07	0.01	0.01	0.01			
Sample	0.08	0.03	0.02	0.02			
	0.08	0.03	0.02	0.02			
Pos. Cont.	1.47	0.26	0.05	0.02			

48hr Average						
OD 1 OD 01 OD 001 OD.0001						
Sample	0.08	0.02	0.02	0.02		
Pos. Ctrl.	1.47	0.26	0.05	0.02		

