

Mycobacterium bovis*, Strain TB17-02518, Gamma-Irradiated Whole Cells*Catalog No. NR-59212**

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Product Description:

Mycobacterium bovis, strain TB17-02518 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: 70058663**Manufacturing Date: 14FEB2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 23.M.bovis.TB17-02518.1.26.7.WCg is attached.

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WORK SHEET FOR γ -IRRADIATED CELLS

General Information

Lot Number: 23.M.bovis.TB17-02518.1.26.7.WCg
Species: M. bovis
Strain: TB17-02518

Growth Conditions: Medium: 7H9/OADC
of Fernbachs: 16 total
Inoculation Date: 1.26.23 Harvest Date: 2.9.23
SOP # used for Harvest: PP003.3

Wet Weight: 15.7g

Date irradiated: 2.14.23 By: JB

Additional Notes: NA

Alamar Blue QC Information


Date Started: 2.27.23 Date Checked: 3.1.23

Positive Control: Positive X Negative

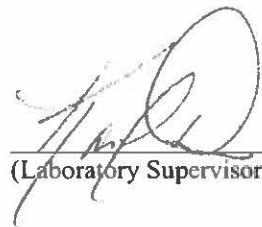
Sample: Positive Negative X

Aliquot Information

1 x 15.7g in 230ml falcon tube



(Research Associate) 3-2-23 (date)



(Laboratory Supervisor) 3/09/23 (date)

Initial 0 hr 570/600					
raw	2-27-23.	0.79	0.70	0.70	0.69
	23.Mbovis.TB17-02518.1.26.	0.79	0.71	0.72	0.69
		0.79	0.71	0.70	0.68
		0.76	0.71	0.70	0.68

24hr 570/600					
	2-28-23.	0.82	0.74	0.73	0.73
		0.82	0.74	0.73	0.73
		0.81	0.74	0.73	0.73
		1.86	0.88	0.74	0.73

48 hr 570/600					
	3-1-23.	0.85	0.75	0.74	0.74
		0.86	0.75	0.74	0.74
		0.84	0.75	0.74	0.74
		3.00	1.08	0.76	0.75

Initial Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.08	-0.01	0.00	-0.01
	0.09	0.00	0.01	-0.01
	0.08	0.01	-0.01	-0.03
Pos. Cont.	0.05	0.00	-0.01	-0.03

24hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.09	0.01	0.00	0.00
	0.09	0.01	0.00	0.00
	0.08	0.01	-0.01	0.00
Pos. Cont.	1.12	0.14	0.01	0.00

48hr Minus Blank				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.11	0.01	0.00	0.00
	0.12	0.01	0.00	0.00
	0.10	0.01	0.00	0.00
Pos. Cont.	2.26	0.34	0.02	0.00

Initial Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.08	0.00	0.00	-0.02
Pos. Ctrl.	0.05	0.00	-0.01	-0.03

24hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.08	0.01	0.00	0.00
Pos. Ctrl.	1.12	0.14	0.01	0.00

48hr Average				
	OD .1	OD .01	OD .001	OD.0001
Sample	0.11	0.01	0.00	0.00
Pos. Ctrl.	2.26	0.34	0.02	0.00

	Sample .1	Sample .01	Pos .1	Pos .01
0	0.08	0.00	0.05	0.00
24	0.08	0.01	1.12	0.14
48	0.11	0.01	2.26	0.34

