

***Mycobacterium tuberculosis*, Strain H37Rv, Purified Mycolylarabinogalactan-Peptidoglycan (mAGP)****Catalog No. NR-14851**

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

**Product Description:** NR-14851 is a preparation of the mycolylarabinogalactan-peptidoglycan (mAGP) complex of the *Mycobacterium tuberculosis*, strain H37Rv cell wall core.

**Lot: 61757234****Manufacturing Date: 16MAY2013**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 13.Rv.05.14.01.mAGP is attached.

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## Worksheet for Purified mAGP

### General Information

Lot Number: 13.Rv.05.14.01.mAGP

Species: *M. tuberculosis*

Strain: H37Rv

### Purification

Starting material 8.0% Triton X- insoluble cell wall

Lot number N/A, from 3 batches, 2010-2011, total 105 ml

Protocols used PP01.1, SP003, SP030.1

Date started 5/1/13

Date completed 5/16/13

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### Quality Control

Total amount of mAGP 2335.9 mg

BCA result 0.087 mg/ml

% SDS determination < 0.0005 %

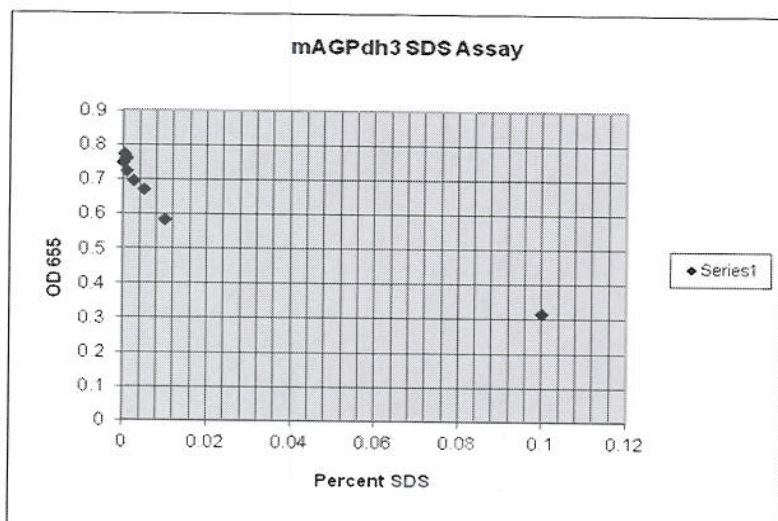
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### Protein analysis

Standard	Mean OD	Conc mg/ml
S1	0.155	0.1
S2	0.248	0.2
S3	0.517	0.6
S4	0.761	1
S5	0.956	1.4
S6	1.054	1.6
S7	1.279	2

mAGP		
1.0 mg/ml	0.148	0.039
2.0 mg/ml	0.187	0.087

**SDS Analysis**



% SDS	A (655)	mAGP
0.1	0.314	
0.01	0.582	
0.005	0.671	
0.0025	0.696	
0.001	0.724	
0.00075	0.759	
0.0005	0.759	
0.00025	0.773	0.762
0.0001	0.748	

**Aliquots**

tubes	weight	total	
45	5.0	225.0	mg
1	20.3	20.3	
1	281.5	281.5	
1	298.0	298.0	
1	280.3	280.3	
1	295.2	295.2	
1	322.0	322.0	
1	280.7	280.7	
1	337.4	337.4	
		2335.9	mg

P. Dany C. Torres 5/16/13  
 (Research Associate) date

[Signature] 5/17/2013  
 (Laboratory Supervisor) date