

Plasmid pMRLB.2A Containing Gene Rv0934 (Protein PstS1/PhoS1) from *Mycobacterium tuberculosis*

Catalog No. NR-13277

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

Product Description: NR-13277 is a recombinant expression vector containing *Mycobacterium tuberculosis* gene Rv0934, which encodes a periplasmic phosphate-binding lipoprotein, PstS1 (previously known as PhoS1 or PhoS). Gene Rv0934 was amplified by PCR and cloned into pET15b for expression in *Escherichia coli*.

Lot: 03.EC.04.28

Manufacturing Date: 28APR2003

TEST	SPECIFICATIONS	RESULTS
Agarose Gel Electrophoresis (see attached QC Gel)¹ Linearization with <i>NdeI</i> Digestion with <i>NdeI</i> and <i>XhoI</i>	~ 6.7 kb ~ 1.05 kb (insert); ~ 5.7 kb (vector)	~ 6.7 kb ~ 1.05 kb; ~ 5.7 kb
Concentration by OD₂₆₀	Report results	0.1 µg/µL
Absorbance Ratio (OD₂₆₀/OD₂₈₀)	Report results	1.9

¹Performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH)

/Heather Couch/

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15 MAR 2019

Program Manager or designee, ATCC Federal Solutions

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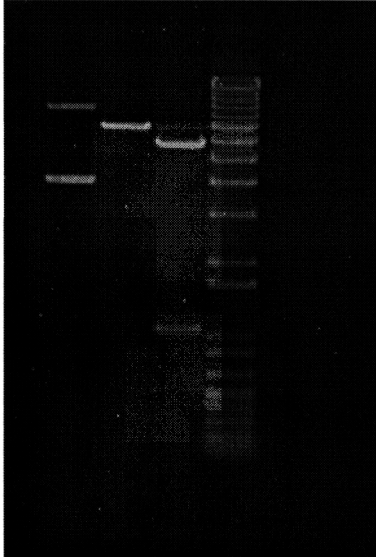
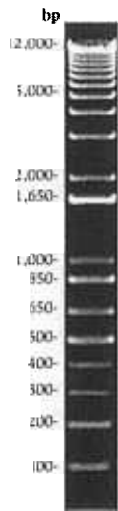


QC gel

Gel description file number/ % agarose/buffer kb24/0.8% agarose/1X TAE

Molecular weight markers Invitrogen 1 KB plus

Ready-Load™
1 kb Plus DNA
Ladder 0.8 µg/lane



Left->right
pMRLB.2a.MS uncut
pMRLB.2a.MS/NdeI
pMRLB.2a.MS/NdeI+XhoI
1 KB+ marker

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