

Mycobacterium tuberculosis, Strain H37Rv, Total Lipids Kit Containing Hypoxic and Normoxic Cultures

Catalog No. NR-48697

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

Product Description:

NR-48697 is a kit comprised of total lipid preparations from both hypoxic and normoxic cultures of irradiated *Mycobacterium tuberculosis* (*M. tuberculosis*), strain H37Rv.

KIT COMPONENT	BEI RESOURCES PRODUCT AND LOT NUMBERS	MANUFACTURING DATE	CSU LOT NUMBER
<i>M. tuberculosis</i> , Strain H37Rv, Total Lipids (hypoxic culture)	NR-36508 lot 70057186	29MAY2023	23.Rv.05.29.01.hypoxicTL
<i>M. tuberculosis</i> , Strain H37Rv, Total Lipids (normoxic culture)	NR-36509 lot 70057187	29MAY2023	23.Rv.05.29.01.normoxicTL

Lot: 70061363

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lots 23.Rv.05.29.01.hypoxicTL and 23.Rv.05.29.01.normoxicTL is attached. The kit was assembled by BEI Resources on 13JUN2023.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-36508

CSU Lot Number: 23.Rv.05.29.01.hypoxicTL

Species: Mycobacterium tuberculosis

Strain: H37Rv

Purification Information

Starting material: H37Rv cells

Starting Material Lot #: 23.hv.2.1.31.7.hypoxic.wcg

Cells Irradiated: Yes

Viability Test Performed: No Viable Organism Detected

Protocol used (SOP #'s): PP018.2

Date started: 5/9/2023

Date completed: 5/29/2023

Notebook; page(s): BM Notebook #1 BEI Contract, pg. 76 - 78

Additional notes (if applicable): N/A

Quality Control Information:

Total volume: 84 mL

Total amount of TLIP: 168 mg

Date dried on N₂ bath: 5/29/2023

TLC date: 5/26/2023

Notebook and page(s): BM Notebook #1, pg. 76 - 78

TLC Solvent System: 65/25/4 chloroform/methanol/water

QC TLC:



Alpha naphthol



CuSO₄

Aliquot Information:

15 x 1.0 mg = 15 mg

1 x 153.0 mg = 153 mg in bulk

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

BGM
(Research Associate)

6/1/23
date

W. Staudenmann 6/1/2023
(Laboratory Supervisor) date

WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-36509

CSU Lot Number: 23.Rv.05.29.01.normoxicTL

Species: Mycobacterium tuberculosis

Strain: H37Rv

Purification Information

Starting material: H37Rv cells

Starting Material Lot #: 23.hv.2.1.31.7.normoxic.wcg

Cells Irradiated: Yes

Viability Test Performed: No Viable Organism Detected

Protocol used (SOP #'s): PP018.2

Date started: 5/9/2023

Date completed: 5/29/2023

Notebook; page(s): BM Notebook #1 BEI Contract, pg. 76 - 78

Additional notes (if applicable): N/A

Quality Control Information:

Total volume: 103 mL

Total amount of TLIP: 236.9 mg

Date dried on N₂ bath: 5/29/2023

TLC date: 5/26/2023

Notebook and page(s): BM Notebook #1, pg. 76 - 78

TLC Solvent System: 65/25/4 chloroform/methanol/water

QC TLC:



Alpha naphthol



CuSO₄

Aliquot Information:

15 x 1.0 mg = 15 mg

1 x 221.9 mg = 221.9 mg in bulk

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

RAM
(Research Associate)

6/1/23
date

RA Staudenmaier 6/1/2023
(Laboratory Supervisor) date