

***Mycobacterium tuberculosis*, Strain H37Rv, Extracellular Vesicle-Enriched Culture Filtrate Proteins****Catalog No. NR-52722**

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**Product Description:**

NR-52722 is a preparation of extracellular vesicle (EV)-enriched culture filtrate proteins (CFP) from *Mycobacterium tuberculosis* (*M. tuberculosis*), strain H37Rv.

**Lot: 70037622****Manufacturing Date: 17NOV2020**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 20.Rv.2.10.8.7.EV-enrichedCFP is attached.

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## WORK SHEET FOR EXTRACELLULAR VESICLE-ENRICHED CFP

### General Information

BEI Catalog Number: NR-52722  
Product Description: Extracellular Vesicle-Enriched CFP  
CSU Lot Number: 20.Rv.2.10.8.7.EV-enrichedCFP  
Species: *Mycobacterium tuberculosis*  
Strain: H37Rv

### Purification Information

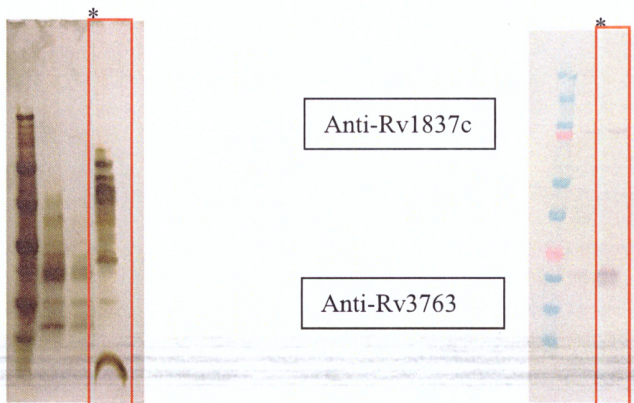
Starting material: 20.Rv.2.10.8.7.CFP  
Starting material CFP: Filter Sterilized Yes  
Protocol used (SOP #'s): PP006.4, PP056  
Date started: 11/16/2020  
Date completed: 11/17/2020  
Notebook; page(s): JR BEI#1 p41  
Additional notes (if applicable): Spill occurred retrieving CFP after concentration, which impacted the final yield.

### Quality Control Information

BCA: 0.676  $\mu$ g /  $\mu$ l Notebook and page(s): JR BEI#1 p41  
Total Protein: 2.25 mg  
Silver Stain Date: 11/23/20 Notebook and page(s): JR BEI#1 p46  
Western blot Date: 11/23/20 Antibodies used:  $\alpha$ -GlcB, IT-54  
Notebook and page(s): JR BEI#1 p46  
Optional NTA Date: 11/23/20 Notebook and page(s): JR BEI#1 p46  
NTA quantitation:  $2.4 \times 10^8$  particles/ $\mu$ g  
NTA mean particle size: 119nm

### QC Gel and Blots:

Gel Layout: Ladder, 5 $\mu$ g CFP, 5 $\mu$ g EV-depleted CFP, 5 $\mu$ g EV-enriched CFP  
Blot Layout: Ladder, 5 $\mu$ g CFP, 5 $\mu$ g EV-enriched CFP



\*Lane contained in-house control not relevant for QC documentation and was removed from the image.

**Aliquot Information: 45 x 0.05 mg to BEI**

[Signature] 12/11/20  
(Research Associate) (date)

C. Mahaffy 12/11/20  
(Laboratory Supervisor) (date)