

***Mycoplasma pneumoniae*, Strain FH (Eaton Agent)**

Catalog No. NR-3848

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

Lot (NIAID) Number: M-710-001-084

For research use only. Not for human use.

Contributor:

National Institutes of Allergy and Infectious Diseases, National Institutes of Health

Manufacturer and Contract:

Baltimore Biological Laboratory, PH-43-62-839

Product Description:

Reagent: Seed

Classification: *Mycoplasmataceae*

Agent: *Mycoplasma pneumoniae* (*M. pneumoniae*)

Strain: FH (FH-LIU, Eaton Agent)

NIAID Class: Research Reference Reagent

Donor: Dr. R. M. Chanock

Donor Passage History (# of passages): 16

Producer Passage History (# of passages): 29

Note: BEI Resources was asked to distribute this bacterial preparation from NIAID's historical repository. Historical characterization information is shown below in the Functional Activity and Purity sections.

Material Provided/Storage:

Composition: Medium A (Medium A consists of BBL PPLO broth, yeast extract, mule serum, penicillin and thallium acetate).

Volume: 1.0 mL

Storage Temperature: -60°C or colder

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Functional Activity:

Potency:

Titer: 2×10^6 colony-forming units per mL, in 11 days in Medium B (Medium B consists of Difco Heart Infusion broth, horse serum, yeast extract, thallium acetate and penicillin).

Homologous Antiserum Testing: Demonstrated inhibition. No evidence of heterotypic mycoplasma.

Date of Last Test: September, 1968

Purity:

Bacterial Sterility: Negative

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Mycoplasma pneumoniae*, Strain FH (Eaton Agent), NR-3848."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

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References:

1. Chanock, R. M., L. Hayflick and M. F. Barile. "Growth on Artificial Medium of an Agent Associated with Atypical Pneumonia and Its Identification as a PPLO." Proc. Natl. Acad. Sci. U. S. A. 48 (1962): 41-49. PubMed: 13878126.
2. Liu, C., M. D. Eaton and J. T. Heyl. "Studies on Primary Atypical Pneumonia. II. Observation Concerning the Development and Immunological Characteristics of Antibody in Patients." J. Exp. Med. 109 (1959): 545-556. PubMed: 13654627.
3. Eaton, M. D., et al. "Studies on the Etiology of Primary Atypical Pneumonia: II. Properties of the Virus Isolated and Propagated in Chick Embryos." J. Exp. Med. 82 (1945): 317-328. PubMed: 19871503

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