Mycoplasma salivarium, Strain PG 20

Catalog No. NR-3850

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Lot (NIAID) Number: M-712-002-084

For research use only. Not for human use.

Contributor:

National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH)

Manufacturer and Contract:

Baltimore Biological Laboratory, PH-43-67-1468

Product Description:

Reagent: Seed
Classification: *Mycoplasmataceae*
Species: *Mycoplasma salivarium (M. salivarium)*
Type Strain: PG 20
NIAID Class: Research Reference Reagent
Donor: Laboratory of Infectious Diseases, NIAID
Donor Passage History (# of passages): 3× cloned
Producer Passage History (# of passages): 3

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:

Each vial contains approximately 0.5 mL of *M. salivarium* grown in Complete *Mycoplasma* broth (Medium H, see Appendix I for media composition).

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

Storage:

NR-3850 was packaged in vials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

Potency:
Titer: 7.1×10^7 colony-forming units per mL, in 11 days on medium A (see Appendix I for media composition).
Date of Last Test: December 1970

Purity:

Homologous Antiserum Testing: Demonstrated inhibition when tested against a specific homologous antiserum. No evidence of heterotypic mycoplasma.

Heterologous Antiserum Testing:
Disc Inhibition and Fluorescent Antibody: Negative when tested against *M. arthritidis*, *M. fermentans*, *M. gallisepticum*, *A. granularum*, *M. hominis, M. hyorhinis, A. laidlawii* A, *A. laidlawii* B, *M. orale* 1, *M. orale* 2, *M. pneumoniae*, *M. pulmonis*, and *M. spumans*.
Separate Disc Inhibition: Negative when tested against *M. arthritidis*, *M. canis*, *M. gallinarum*, and *M. iners*.
Separate Fluorescent Antibody: Negative when tested against *M. primatum, M. lipophilum,* and *M. arginini*.
Bacterial Sterility: Negative

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Mycoplasma salivarium,* Strain PG 20, NR-3850."

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/bmbl5/index.htm.

Disclaimers:

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References:

1. Edward, D. G. ff and E. A. Freundt. "The Classification and Nomenclature of Organisms of the Pleuropneumonia Group." J. Gen. Microbiol. 14 (1956): 197-207. PubMed: 13306904.
2. NIAID Catalog of Research Reagents 1978-1980. U.S. Department of Health, Education, and Welfare Publication No. (NIH) 78-899. Ed. S. Cunningham. NIAID/NIH, Bethesda, MD, USA.

Support Provided by NIAID

Appendix I: Media[2]

Complete *Mycoplasma* broth (Medium H)

Mycoplasma broth base	78%
Preimmune mule serum	20%
Yeast extract dialysate	2%
Potassium penicillin G	1000 units/mL

Medium A

BBL. PPLO broth	7%
Yeast extract (25%)	1%
Unheated mule serum	2%
Penicillin	1000 units/mL
Thallium acetate	1:2000