Mycoplasma hyorhinis, Strain BTS-7

Catalog No. NR-3859
This reagent is the property of the U.S. Government.

Lot (NIAID) Number: M-718-002-084
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 hyorhinis (M. hyorhinis)
Type Strain: BTS-7
NIAID Class: Research Reference Reagent
Donor: Laboratory of Infectious Diseases, NIAID
Donor Passage History (# of passages): 3 x 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 1.0 mL of M. hyorhinis grown in Complete Mycoplasma broth (Medium J, see Appendix I for media composition).

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

Storage:
NR-3859 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: 1.7 x 10⁸ colony-forming units per mL, in 11 days on medium A (see Appendix I for media composition).
Date of Last Test: October 1974

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

Heterologous Antiserum Testing:
Separate Disc Inhibition: Negative when tested against M. fermentans, M. gallinarum, and M. maculosum.
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 hyorhinis, Strain BTS-7, NR-3859."

Biosafety Level: 2

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

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References:

Appendix I: Media

Complete *Mycoplasma* broth (Medium J)

- *Mycoplasma* broth base: 78%
- Horse serum: 20%
- Yeast extract dialysate: 2%
- Penicillin: 1000 units/mL
- Phenol red: 0.002%

Medium A

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