Product Information Sheet for NR-3852

Mycoplasma orale 1, Strain CH 19299

Catalog No. NR-3852
This reagent is the property of the U.S. Government.

Lot (NIAID) Number: M-714-001-084

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-43-62-839

Product Description:
Reagent: Seed
Classification: Mycoplasmataceae
Species: Mycoplasma orale 1 (M. orale 1)
Type Strain: CH 19299
NIAID Class: Research Reference Reagent
Donor: Dr. R. M. Chanock, NIAID
Donor Passage History (# of passages): 3x cloned
Producer Passage History (# of passages): 8

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. orale 1 grown in Complete Mycoplasma broth (Medium I, see Appendix I for media composition).

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

Storage:
NR-3852 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: $5 \times 10^4$ colony-forming units per mL, in 11 days on medium B (see Appendix I for media composition).
Date of Last Test: September 1968

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: Not done
Separate Disc Inhibition: Negative when tested against M. arthritidis, M. fermentans, M. hominis, M. pneumoniae, and M. salivarium.
Separate Fluorescent Antibody: Not done
Bacterial Sterility: Negative

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Mycoplasma orale 1, Strain CH 19299, NR-3852."

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:


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Appendix I: Media³

Complete Mycoplasma broth (Medium I)

- Horse heart infusion broth 70%
- Preimmune mule serum 20%
- Fresh yeast extract 25% 10%
- Penicillin 1000 units/mL
- Thallium acetate 1:2000

Medium B

- Difeo™ Heart infusion broth 100 mL
- Horse serum 20 mL
- Yeast extract 10 mL
- Thallium acetate 0.1%
- Penicillin 400 I.U./mL