Product Information Sheet for NR-3875

Mycoplasma meleagris, Strain 17529

Catalog No. NR-3875
This reagent is the property of the U.S. Government.

Lot (NIAID) Number: M-736-002-084
For research use only. Not for human use.

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

Manufacturer and Contract:
Huntingdon Research Center, PH-43-68-1516

Product Description:
Reagent: Seed
Classification: Mycoplasmataceae
Species: Mycoplasma meleagris (M. meleagris)
Type Strain: 17529
NIAID Class: Research Reference Reagent
Donor: Dr. M. Barile, DBS, NIH
Donor Passage History (# of passages): 4
Producer Passage History (# of passages): 5

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

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

Storage:
NR-3875 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: 10^7 colony-forming units per mL, in 6 days on medium K (see Appendix I for media composition).
Date of Last Test: January 1971

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. arthriditis, and M. iners.
Separate Fluorescent Antibody: Negative when tested against M. primatum, and M. lipophilum.

Bacterial Sterility: Negative

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Mycoplasma meleagris, Strain 17529, NR-3875.”

Biosafety Level: 2

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

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

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References:

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Appendix I: Media²

Complete Mycoplasma broth (Medium NNN)

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mycoplasma broth base</td>
<td>9.3%</td>
</tr>
<tr>
<td>Normal horse serum</td>
<td>0.5%</td>
</tr>
<tr>
<td>Yeast extract dialysate</td>
<td>0.2%</td>
</tr>
<tr>
<td>Phenol red</td>
<td>0.002%</td>
</tr>
<tr>
<td>DNA</td>
<td>0.002%</td>
</tr>
</tbody>
</table>

Medium K

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difco™ Heart infusion agar</td>
<td>16%</td>
</tr>
<tr>
<td>Horse serum</td>
<td>16%</td>
</tr>
<tr>
<td>Fresh yeast extract</td>
<td>8%</td>
</tr>
<tr>
<td>Penicillin G</td>
<td>400 I.U./mL</td>
</tr>
<tr>
<td>Sigma™ DNA</td>
<td>0.002%</td>
</tr>
</tbody>
</table>

pH 7.8