### Acholeplasma laidlawii B, Strain PG 9

**Catalog No. NR-3869**
This reagent is the property of the U.S. Government.

**Lot (NIAID) Number: M-729-002-084**

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:

<table>
<thead>
<tr>
<th><strong>Reagent</strong></th>
<th>Seed</th>
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<tbody>
<tr>
<td><strong>Classification</strong></td>
<td>Acholeplasmataceae</td>
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<tr>
<td><strong>Species</strong></td>
<td>Acholeplasma laidlawii B (A. laidlawii B)</td>
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<tr>
<td><strong>Type Strain</strong></td>
<td>PG 9</td>
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<tr>
<td><strong>NIAID Class</strong></td>
<td>Research Reference Reagent</td>
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<tr>
<td><strong>Donor</strong></td>
<td>Laboratory of Infectious Diseases, NIAID</td>
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<tr>
<td><strong>Donor Passage History (# of passages)</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Producer Passage History (# of passages)</strong></td>
<td>5</td>
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</table>

**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 *A. laidlawii* B grown in Complete Mycoplasma broth (Medium U, see Appendix I for media composition).

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

### Storage:
NR-3869 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:

<table>
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<tr>
<th><strong>Potency:</strong></th>
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<tr>
<td><strong>Titer:</strong> 1.0 x 10^6 colony-forming units per mL, in 11 days on medium B (see Appendix I for media composition).</td>
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<td><strong>Date of Last Test:</strong> 1976</td>
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### Purity:

**Homologous Antiserum Testing:** Demonstrated inhibition when tested against a specific homologous antiserum. Heterotypic reactions were noted when tested by DI against *A. laidlawii* A only and against *A. granularum* when tested by FA.

### Heterologous Antiserum Testing:

| **Disc Inhibition and Fluorescent Antibody:** Negative when tested against *M. arthritidis, M. canis, M. fermentans, M. gallinarum, M. gallisepticum, M. hominis, M. hyorhinis, M. maculosum, M. orale*, and *M. pneumoniae, M. pulmonis, M. salivarium, M. spumans, and M. neurolyticum.* |
| **Separate Disc Inhibition:** Negative when tested against *M. arthritidis, M. hyorhinis, M. iners, and M. arginini.* |
| **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: Acholeplasma laidlawii B, Strain PG 9, NR-3869.”**

### Biosafety Level: 2


### Disclaimers:

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References:

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Appendix I: Media

Complete Mycoplasma broth (Medium U)
Mycoplasma broth base with 10% dextrose
Penicillin 1000 units/mL
Phenol red 0.02%

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