**Product Information Sheet for NR-3863**

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**Mycoplasma gallisepticum, Strain PG 31**

**Catalog No. NR-3863**
This reagent is the property of the U.S. Government.

**Lot (NIAID) Number: M-722-002-084**

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 gallisepticum (M. gallisepticum)
- **Type Strain:** PG 31
- **NIAID Class:** Research Reference Reagent
- **Donor:** Laboratory of Infectious Disease, NIAID
- **Donor Passage History (# of passages):** 3× cloned
- **Producer Passage History (# of passages):** 8

**Material Provided:**
Each vial contains approximately 1.0 mL of *M. gallisepticum* grown in Complete Mycoplasma broth (Medium P, see Appendix I for media composition).

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

**Storage:**
NR-3863 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:**
- **Titer:** $2 \times 10^7$ colony-forming units per mL, in 11 days on medium B (see Appendix I for media composition).
- **Date of Last Test:** 1976

**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. canis*, *M. fermentans*, *M. gallinarum*, *A. granulatum*, *M. hominis*, *M. hyorhinis*, *A. laidlawii A*, *A. laidlawii B*, *M. macrosum*, *M. orale 1*, *M. orale 2*, *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*, and *M. lipophilum*.

**Bacterial Sterility:** Negative

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Mycoplasma gallisepticum, Strain PG 31, NR-3863.”

**Biosafety Level:** 2

**Disclaimers:**
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References:


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Appendix I: Media²

**Complete Mycoplasma broth (Medium P)**

- Mycoplasma broth base: 7.8%
- Horse serum (unheated): 2%
- Yeast extract dialysate: 0.1%
- Penicillin: 1000 units/mL
- Phenol red: 0.002%

**Medium B**

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