**Pseudomonas sp., Strain Ag1**

Catalog No. NR-50126

For research use only. Not for human use.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**

- **Bacteria Classification:** Pseudomonadaceae, Pseudomonas
- **Genus:** Pseudomonas
- **Strain:** Ag1
- **Original Source:** Pseudomonas sp., strain Ag1 was isolated in 2012 from the midgut of Anopheles gambiae, strain G3, a lab strain used for malaria research in Las Cruces, New Mexico, USA.1,2
- **Comment:** The whole genome shotgun sequence of Pseudomonas sp., strain Ag1 is available (GenBank: AKVH00000000).3

Pseudomonas species are Gram-negative, aerobic, motile, rod-shaped, free-living bacteria that are common inhabitants of soil, water, and vegetation. Many Pseudomonas species represent opportunistic pathogens to humans, animals, or plants.3,4

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in Tryptic Soy broth supplemented with 10% glycerol.

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

**Packaging/Storage:**

- NR-50126 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Growth Conditions:**

- **Media:**
  - Tryptic Soy broth or Brain Heart Infusion broth or Nutrient broth or equivalent
  - Tryptic Soy agar with 5% defibrinated sheep blood or Brain Heart Infusion agar or Nutrient agar or equivalent
- **Incubation:**
  - Temperature: 30°C
  - Atmosphere: Aerobic
- **Propagation:**
  1. Keep vial frozen until ready for use, then thaw.
  2. Transfer the entire thawed aliquot into a single tube of broth.
  3. Use several drops of the suspension to inoculate an agar slant and/or plate.
  4. Incubate the tube, slant and/or plate at 30°C for 1 day.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Pseudomonas sp., Strain Ag1, NR-50126.”

**Biosafety Level:** 2


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References:
1. Xu, J., Personal Communication.

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