**Product Information Sheet for HM-214**

**Pseudomonas sp., Strain 2_1_26**

**Catalog No. HM-214**

For research use only. Not for human use.

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

**Product Description:**

**Bacteria Classification:** Pseudomonadaceae, Pseudomonas

**Species:** Pseudomonas sp.

**Strain:** 2_1_26

**Original Source:** Pseudomonas sp., strain 2_1_26 was isolated from healthy biopsy tissue taken from the rectum of a 59-year-old male.1,2

**Comments:** Pseudomonas sp., strain 2_1_26 (HMP ID 1030) is a reference genome for The Human Microbiome Project (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of Pseudomonas sp. 2_1_26 is currently being sequenced at the Broad Institute (GenBank: ACWU00000000).

**Note:** HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Nutrient Broth supplemented with 10% glycerol.

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

**Packaging/Storage:**

HM-214 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 equivalent
Tryptic Soy Agar or equivalent

**Incubation:**
Temperature: 37°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 37°C for 24 hours.

**Biosafety Level:** 2


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References:
1. Professor Emma Allen-Vercoe, personal communication
2. HMP ID 1030 (Pseudomonas sp., strain 2_1_26)

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