**Product Information Sheet for NR-43641**

**Helicobacter pylori, Strain CPY6271**

Catalog No. NR-43641

For research use only. Not for human use.

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

**Product Description:**

**Bacteria Classification:** Helicobacteraceae, Helicobacter  
**Species:** Helicobacter pylori  
**Strain:** Hp CPY6271  
**Original Source:** Helicobacter pylori (H. pylori), strain CPY6271 was isolated by Teruko Nakazawa, Professor Emeritus, Yamaguchi University, from gastric biopsy homogenate from a gastric cancer patient in Yamaguchi Prefecture, Japan.1,2

**Comments:** H. pylori, strain CPY6271 is part of a genome sequencing project at the Institute for Genome Sciences at the University of Maryland.2,3 The complete genome of H. pylori, strain CPY6271 has been sequenced (GenBank: AKNP00000000).

**Material Provided:**  
Each vial contains approximately 0.5 mL of bacterial culture in Brucella broth supplemented with 10% glycerol.

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

**Packaging/Storage:**  
NR-43641 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 Brucella broth or equivalent

Tryptic Soy agar or Tryptic Soy agar with 5% defibrinated sheep blood or Brucella agar or Columbia agar with 7% defibrinated horse blood, 5 µg/mL trimethoprim, 5 µg/mL vancomycin, 10 µg/mL ceftulodin and 2.5 µg/mL amphotericin B or equivalent

**Incubation:**  
**Temperature:** 37°C  
**Atmosphere:** Microaerophilic (~ 6-16% O2 and 2-10% CO2)

**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 2 to 3 days.

**Citation:**  
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Helicobacter pylori, Strain CPY6271, NR-43641.”

**Biosafety Level:** 2


**Disclaimers:**

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