**Helicobacter pylori, Strain CPY6261**

**Catalog No. NR-43640**

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: CPY6261

Original Source: Helicobacter pylori (H. pylori), strain CPY6261 was isolated by Teruko Nakazawa, Professor Emeritus, Yamaguchi University, from the gastric biopsy homogenate from a gastric cancer patient in Yamaguchi Prefecture, Japan.\(^2\) The complete genome of H. pylori, strain CPY6261 has been sequenced (GenBank: AUVQ0000000000).

**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-43640 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 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 48 to 72 hours.

**Citation:**
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Helicobacter pylori, Strain CPY6261, NR-43640."

**Biosafety Level:** 2


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References:

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