**Product Information Sheet for HM-223**

**Klebsiella sp., Strain 4_1_44FAA**

**Catalog No. HM-223**

For research use only. Not for human use.

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

**Product Description:**

Bacteria Classification: *Enterobacteriaceae, Klebsiella*
Species: *Klebsiella sp.*
Strain: 4_1_44FAA

**Original Source:** *Klebsiella sp.* strain 4_1_44FAA was isolated from healthy biopsy tissue from the gut of a 25-year-old male patient with Crohn's disease.¹

**Notes:**
- **Material Provided:** Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Tryptic Soy Broth supplemented with 10% glycerol.
- **Packaging/Storage:** HM-223 was packaged aseptically, in screw-capped plastic 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.

**Incubation:**
- Temperature: 35 to 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.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Klebsiella sp., Strain 4_1_44FAA, HM-223."

**Biosafety Level:** 2


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

**Acknowledgments:**

**Strain:**
- Strain 4_1_44FAA was isolated from healthy biopsy tissue from the gut of a 25-year-old male patient with Crohn's disease.¹

**Citations:**

1. Vercoe, Assistant Professor, Department of Cellular Biology, University of Guelph, Guelph, Ontario, Canada. 

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References:
1. HMP ID 1024 (Klebsiella sp., strain 4_1_44FAA)

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