

**Bacteriophage Phi05\_1387B/Ec1457, Infectious for *Escherichia coli***

**Catalog No. HM-675**

**Product Description:** Bacteriophage phi05\_1387B/Ec1457 was isolated from blood taken from a patient with septicemia. Bacteriophage phi05\_1387B/Ec1457 is a reference genome for The Human Microbiome Project (HMP).

**Lot<sup>1,2</sup>: 60185065**

**Manufacturing Date: 17AUG2011**

TEST	SPECIFICATIONS	RESULTS
<b>Plaque Morphology<sup>3</sup></b>	Report results	Circular and clear
<b>Titer (Post-vial)</b> Plaque-forming units (pfu) with <i>Escherichia coli</i>	>10 <sup>6</sup> pfu per mL	6 x 10 <sup>8</sup> pfu per mL
<b>Sterility</b>	0.22 µm filtered	0.22 µm filtered
<b>Bacterial Inactivation</b> 10% of total yield plated on Tryptic Soy Agar with 5% defibrinated sheep blood <sup>4</sup>	No viable bacteria detected	No viable bacteria detected

<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the product distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited material.

<sup>2</sup>The deposited material was added to a Luria-Burtani (LB) soft agar overlay (0.5%) supplemented with 10 mM MgSO<sub>4</sub> containing the phage host, *Escherichia coli*, strain Ec1457. The soft agar overlay was added to an LB Agar Kolle supplemented with 10 mM MgSO<sub>4</sub> and incubated 24 hours at 30°C in an aerobic atmosphere. After two additional passages under the above conditions, the bacteriophage were harvested to produce this lot.

<sup>3</sup>Lysis was observed on the soft agar overlay after 18 hours at 30°C in an aerobic atmosphere.

<sup>4</sup>7 days at 37°C in an aerobic atmosphere

**Date:** 06 FEB 2013

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

