

**Bacteriophage Phi05\_1400M/Pa1414, Infectious for *Pseudomonas aeruginosa***

**Catalog No. HM-682**

**Product Description:** Bacteriophage phi05\_1400M/Pa1414 was derived from a blood sample taken from a patient with septicemia. Bacteriophage phi05\_1400M/Pa1414 is a reference genome for The Human Microbiome Project (HMP).

**Lot<sup>1,2</sup>: 60277709**

**Manufacturing Date: 21SEP2011**

TEST	SPECIFICATIONS	RESULTS
<b>Plaque Morphology<sup>3</sup></b>	Report results	Circular and clear
<b>Titer<sup>3</sup></b> Plaque-forming units (pfu) with <i>Pseudomonas aeruginosa</i>	>10 <sup>6</sup> pfu per mL	1.7 x 10 <sup>9</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, *Pseudomonas aeruginosa*, strain Pa1414. 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 three 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 24 hours at 30°C in an aerobic atmosphere.

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

**Date:** 09 APR 2013

**Signature:** 

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

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