

**Bacteriophage Phi05\_1558B/Ec1522, Infectious for *Escherichia coli*****Catalog No. HM-676**

**Product Description:** Bacteriophage phi05\_1558B/Ec1522 was isolated from a blood sample taken from a patient with septicemia. Bacteriophage phi05\_1558B/Ec1522 (HMP ID 9786) is a reference genome for The Human Microbiome Project (HMP).

**Lot<sup>1,2</sup>: 60185067****Manufacturing Date: 05AUG2011**

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology <sup>3</sup>	Report results	Circular and clear
Titer <sup>3</sup> Plaque-forming units (pfu) with <i>Escherichia coli</i>	> 10 <sup>6</sup> pfu per mL	2 x 10 <sup>8</sup> pfu per mL
Sterility	0.22 µm filtered	0.22 µm filtered

<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 Ec1522. 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. An additional passage occurred under the above conditions. Bacteriophage were harvested with Luria-Burtani (LB) broth supplemented with 10 mM MgSO<sub>4</sub> broth after each passage, filtered and pooled 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.

**Date: 11 JUN 2014****Signature:****Title:**

Technical Manager, BEI Authentication or designee

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