

**Bacteriophage Phi\_MX1987sp/MX560, Infectious for *Pseudomonas aeruginosa***

**Catalog No. HM-663**

**Product Description:** Bacteriophage phi\_MX1987sp/MX560 was isolated from leg, foot or decubitus ulcers of a human patient. Bacteriophage phi\_MX1987sp/MX560 (HMP ID 9773) is a reference genome for The Human Microbiome Project (HMP).

**Lot<sup>1,2</sup>: 59978216**

**Manufacturing Date: 30JUN2011**

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	5 x 10 <sup>9</sup> pfu per mL
<b>Sterility</b>	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, *Pseudomonas aeruginosa*, strain MX560. 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.

**Date:** 17 NOV 2014

**Signature:** 

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

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