Bacteriophage Phi05_1387UV/Ec1457, Infectious for *Escherichia coli*

Catalog No. HM-673

Product Description: Bacteriophage phi05_1387UV/Ec1457 was derived from a blood sample taken from a patient with septicemia.

Lot[1,2]: 60185062   **Manufacturing Date: 25AUG2011**

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology[3]	Report results	Circular and clear
Titer[3] Plaque-forming units (pfu) with *Escherichia coli*	$>10^6$ pfu per mL	8×10^7 pfu per mL
Sterility	0.22 µm sterile-filtered	0.22 µm sterile-filtered

[1]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.

[2]The deposited material was added to a Luria-Burtani (LB) soft agar overlay (0.5%) supplemented with 10 mM $MgSO_4$ containing the phage host, *Escherichia coli*, strain Ec1457. The soft agar overlay was added to LB kolles supplemented with 10 mM $MgSO_4$ and incubated 24 hours at 30°C in an aerobic atmosphere. One additional passage occurred under the above conditions. Bacteriophage were harvested with LB broth after each passage, filtered and pooled to produce this lot.

[3]Lysis was observed on the soft agar overlay after 24 hours at 30°C in an aerobic atmosphere.

Date: 07 MAY 2014   **Signature:**

Title: Technical Manager, BEI Authentication or designee

HMP   Support Provided by NIAID

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