

Bacteriophage Phi05_1999B/Ec2424, Infectious for *Escherichia coli*

Catalog No. HM-677

Product Description: Bacteriophage phi05_1999B/Ec2424 was isolated from a blood sample taken from a patient with septicemia. Bacteriophage phi05_1999B/Ec2424 (HMP ID 9787) is a reference genome for The Human Microbiome Project (HMP).

Lot^{1,2}: 60185068

Manufacturing Date: 25AUG2011

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology³	Report results	Circular and clear
Titer³ Plaque-forming units (pfu) with <i>Escherichia coli</i>	> 10 ⁶ pfu per mL	3 x 10 ⁹ pfu per mL
Sterility	0.22 µm filtered	0.22 µm filtered

¹Quality 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.

²The deposited material was added to a Luria-Burtani (LB) soft agar overlay (0.5%) supplemented with 10 mM MgSO₄ containing the phage host, *Escherichia coli*, strain Ec2424. The soft agar overlay was added to an LB agar kolle supplemented with 10 mM MgSO₄ 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 MgSO₄ broth after each passage, filtered and pooled to produce this lot.

³Lysis 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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