

Bacteriophage PMB12, Infectious for *Bacillus subtilis*

Catalog No. HM-616

Product Description: Bacteriophage PMB12 was isolated from soil. Bacteriophage PMB12 (HMP ID 9756) is a reference genome for The Human Microbiome Project (HMP).

Lot¹: 60076182

Manufacturing Date: 17NOV2011

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology²	Report results	Circular and clear
Titer (Post-vial) Plaque-forming units (pfu) with <i>Bacillus subtilis</i>	>10 ⁶ pfu per mL	2 x 10 ⁷ pfu per mL
Sterility	0.22 µm filtered	0.22 µm filtered
Bacterial Inactivation 10% of total yield plated on Tryptic Soy Agar with 5% defibrinated sheep blood ³	No viable bacteria detected	No viable bacteria detected

¹The deposited material was added to an LB soft agar overlay (0.5%) supplemented with 10 mM MgSO₄ containing the phage host, *Bacillus subtilis*, strain 1S28. 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. After four passages the phage was harvested to produce this lot.

²Lysis was observed on the soft agar overlay after 24 hours at 37°C in an aerobic atmosphere

³7 days at 37°C in an aerobic atmosphere

Date: 27 APR 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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