

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).

Lot^{1,2}: 70005048

Manufacturing Date: 28FEB2017

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology ³	Report results	Pinpoint
Titer (Post-vial) Plaque-forming units (pfu) with <i>Bacillus subtilis</i> ⁴	>10 ⁶ pfu per mL	1.0 x 10 ¹² pfu per mL
Sterility	0.22 µm filtered	0.22 µm filtered
Bacterial Inactivation 10% of total yield plated on Tryptic Soy agar ⁵	No viable bacteria detected	No viable bacteria detected

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²Lot 70005048 of HM-616 was produced by inoculation of HM-616 (Lot: 70002697) into a LB soft agar overlay (0.7%) supplemented with 10 mM MgSO₄ containing the phage host, *Bacillus subtilis*, strain 168M. The soft agar overlay was added to a LB agar kolle supplemented with 10 mM MgSO₄ and incubated 1 day at 30°C in an aerobic atmosphere. After two additional passages, the phage was harvested to produce this lot. The harvested material was stored at 4°C in an aerobic atmosphere for 51 days prior to cryopreservation.

³Lysis was observed after 1 day at 30°C in an aerobic atmosphere on a LB soft agar overlay supplemented with 10 mM MgSO₄ containing the phage host.

⁴100 µL of a 1:10⁹ dilution in a LB soft agar overlay supplemented with 10 mM MgSO₄ containing the phage host

⁵7 days at 37°C in an aerobic atmosphere

Date: 04 AUG 2017

Signature:



BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

