

Bacteriophage AC3, Infectious for *Escherichia coli*

Catalog No. HM-610

Product Description: Bacteriophage AC3 (HMP ID 9740) is a reference genome for The Human Microbiome Project (HMP).

Lot^{1,2}: 61998862

Manufacturing Date: 07MAR2014

TEST	SPECIFICATIONS	RESULTS
Titer³ Plaque-forming units (pfu) with <i>Escherichia coli</i>	>10 ⁶ pfu per mL	2 x 10 ⁹ pfu per mL
Sterility	0.22 µm sterile-filtered	0.22 µm sterile-filtered
Bacterial Inactivation 10% of total yield plated LB agar supplemented with 12.5 µg/mL chloramphenicol ⁴	No viable bacteria detected	No viable bacteria detected

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*, K12 strain Ec15194 (ATCC[®] BAA-1001™). The soft agar overlay was added to an LB agar kolle supplemented with 10 mM MgSO₄ and incubated 24 hours at 37°C in an aerobic atmosphere. Three additional passages 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 37°C in an aerobic atmosphere.

⁴7 days at 37°C in an aerobic atmosphere

Date: 13 OCT 2015

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.

