

Bacteriophage Phi_2986B/Sa1912, Infectious for *Staphylococcus aureus*

Catalog No. HM-694

Product Description:

Bacteriophage phi_2986B/Sa1912 was isolated from human blood. Bacteriophage phi_2986B/Sa1912 is a reference genome for the Human Microbiome Project (HMP). HM-694 was produced by inoculation of BEI Resources seed lot 59883260 into an LB soft agar overlay (0.7%) supplemented with 10 mM MgSO₄ containing the phage host, *Staphylococcus aureus*, strain Sa1912. The soft agar overlay was added to an LB agar kolle supplemented with 10 mM MgSO₄ and incubated for 1 day at 30°C in an aerobic atmosphere. After two additional passages, the phage was harvested to produce this lot.

Note: Quality 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.

Lot: 70037970

Manufacturing Date: 02DEC2025

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology ¹	Report results	Clear and circular
Titer Plaque-forming units (pfu) with <i>S. aureus</i> ²	> 10 ⁵ pfu/mL	2.4 × 10 ⁷ pfu/mL
Sterility	0.22 µm filtered	0.22 µm filtered
Bacterial Inactivation 10% of total yield plated on LB soft agar with 10 mM MgSO ₄ ³	No viable bacteria detected	No viable bacteria detected

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

²100 µL of a 1:10⁴ dilution in an LB soft agar overlay supplemented with 10 mM MgSO₄ containing the phage host

³14 days at 37°C in an aerobic atmosphere

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