

Bacteriophage Phi_3244S/Sa1263, Infectious for *Staphylococcus aureus*

Catalog No. HM-693

Product Description: Bacteriophage phi_3244S/Sa1263 was isolated from Sa06_3244 bacterium derived from a blood culture. Bacteriophage phi_3244S/Sa1263 was isolated from human blood. Bacteriophage phi_3244S/Sa1263 is a reference genome for The Human Microbiome Project (HMP).

Lot^{1,2}: 59883078

Manufacturing Date: 01APR2011

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology³	Report results	Circular and pinpoint
Titer (Post-vial) Plaque-forming units (pfu) with <i>Staphylococcus aureus</i>	>10 ⁶ pfu per mL	2 x 10 ⁶ 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 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 an LB soft agar overlay (0.5%) 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 24 hours at 30°C in an aerobic atmosphere. After two additional passages under the above conditions, the bacteriophage was harvested to produce this lot.

³Lysis was observed on the soft agar overlay after 24 hours at 30°C in an aerobic atmosphere

⁴7 days at 37°C in an aerobic atmosphere

Date: 13 AUG 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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