

Formalin-Inactivated *Bacillus anthracis*, Strain Sterne BAP708

Catalog No. NR-51402

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Product Description: Formalin-inactivated *Bacillus anthracis* (*B. anthracis*), strain Sterne BAP708, lacks the pXO2 plasmid and has had the genes that make up the toxin deleted from the pXO1 plasmid. Additionally, a synthetic construct containing 5 signature sequences (small sequences from both pXO1 and pXO2) was inserted into the pXO1 plasmid backbone to provide nucleic acid assay targets, allowing the strain to substitute for the fully virulent *B. anthracis* in molecular testing.

Lot¹: TA062218B

Manufacturing Date: 22JUN2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis	Vegetative cells	Vegetative cells
Immunotype Lateral Flow Immunoassay (LFI) <i>B. anthracis</i> target	Negative	Negative
Genotypic Analysis PCR <i>B. anthracis</i> Target 1 PCR <i>B. anthracis</i> Target 2 PCR <i>B. anthracis</i> Target 3	Positive Positive Positive	Positive Positive Positive
Particle Concentration	> 1 × 10 ⁸ particles per mL	1.2 × 10 ⁸ particles per mL
Viability	Non-viable	Non-viable

¹Quality control testing for NR-51402 lot TA062218B was performed by United States Army Medical Research Institute of Infectious Diseases (USAMRIID).

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