

***Francisella tularensis* subsp. *tularensis* SCHU S4 Antigen, Formalin-Inactivated**

**Catalog No. NR-15753**

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**Product Description:** SCHU S4 antigen was prepared by formalin inactivation of a suspension of *Francisella tularensis* subsp. *tularensis* (Type A), strain SCHU S4.

**Lot<sup>1,2</sup>: 09-2009.01**

**Manufacturing Date: SEP2009**

TEST	SPECIFICATIONS	RESULTS
Appearance	Colorless, opalescent	Colorless, opalescent
Concentration by Spectrophotometer at OD <sub>600</sub> <sup>3</sup>	0.1 ± 0.02	0.120
Bioburden	0 colony-forming units per mL	0 colony-forming units per mL
Bacterial Inactivation <sup>4</sup>	No viable bacteria detected	No viable bacteria detected

<sup>1</sup>Manufactured and tested by DynPort Vaccine Company, LLC, Frederick, MD and Midwest Research Institute, Kansas City, MO. Additional bacterial inactivation testing performed by BEI Resources.

<sup>2</sup>*Francisella tularensis* subsp. *tularensis*, strain SCHU S4 was grown on Peptone Cysteine Agar Plates plus Modified Casein Partial Hydrolysate. The organisms were suspended in 0.05 M PBS (pH 7.2) and treated with 3% formalin at 57°C to 60°C for 25 minutes.

<sup>3</sup>A solution with an OD<sub>600</sub> = 0.1 contained approximately 1 X 10<sup>9</sup> colony-forming unit equivalents per mL prior to formalin inactivation.

<sup>4</sup>100% of 1 vial plated on chocolate (GC) agar and incubated for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>

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