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

Catalog No. NR-15753
This reagent is the tangible property of the U.S. Government.

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

Lot¹,²: 09-2009.01
Manufacturing Date: SEP2009

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless, opalescent</td>
<td>Colorless, opalescent</td>
</tr>
<tr>
<td>Concentration by Spectrophotometer at OD₆₀₀³</td>
<td>0.1 ± 0.02</td>
<td>0.120</td>
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<tr>
<td>Bioburden</td>
<td>0 colony-forming units per mL</td>
<td>0 colony-forming units per mL</td>
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<tr>
<td>Bacterial Inactivation⁴</td>
<td>No viable bacteria detected</td>
<td>No viable bacteria detected</td>
</tr>
</tbody>
</table>

¹Manufactured and tested by DynPort Vaccine Company, LLC, Frederick, MD and Midwest Research Institute, Kansas City, MO. Additional bacterial inactivation testing performed by BEI Resources.
²Francisella 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.
³A solution with an OD₆₀₀ = 0.1 contained approximately 1 X 10⁹ colony-forming unit equivalents per mL prior to formalin inactivation.
⁴100% of 1 vial plated on chocolate (GC) agar and incubated for 7 days at 37°C in an aerobic atmosphere with 5% CO₂

Heather Couch
Program Manager or designee, ATCC Federal Solutions

14 MAR 2018

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.

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