

SUPPORTING INFECTIOUS DISEASE RESEARCH

Product Information Sheet for NR-15752

Francisella tularensis subsp. holarctica

LVS R1 Antigen, Formalin-Inactivated

Catalog No. NR-15752

This reagent is the tangible property of the U.S. Government.

For research use only. Not for human use.

Contributor:

National Institutes of Allergy and Infectious Diseases, National Institutes of Health

Product Description:

LVS R1 antigen was prepared by formalin inactivation of a suspension of *Francisella tularensis* subsp. *holarctica* (Type B), strain LVS R1. Strain LVS R1 is a mutant of the LVS¹⁻⁴ strain lacking the O-antigen.⁵

Material Provided:

Each vial contains approximately 1 mL of NR-15752 formulated in 0.05 M PBS, pH 7.2. The concentration is shown on the Certificate of Analysis for each lot.

Packaging/Storage:

NR-15752 is provided frozen on dry ice and should be stored at -70°C ± 10°C immediately upon arrival.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Francisella tularensis subsp. holarctica LVS R1 Antigen, Formalin-Inactivated, NR-15752."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosftv/bmbl5/bmbl5toc.htm.

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References:

- Eigelsbach, H. T. and C. M. Downs. "Prophylactic Effectiveness of Live and Killed Tularemia Vaccines. I. Production of Vaccine and Evaluation in the White Mouse and Guinea Pig." <u>J. Immunol.</u> 87 (1961): 415-425. PubMed: 13889609.
- Tigertt, W. D. "Soviet Viable Pasteurella tularensis Vaccines. A Review of Selected Articles." <u>Bacteriol. Rev.</u> 26 (1962): 354-373. PubMed: 13985026.
- Sjöstedt, A. "Tularemia: History, Epidemiology, Pathogen Physiology, and Clinical Manifestations." <u>Ann.</u> N. Y. Acad. Sci. 1105 (2007): 1-29. PubMed: 17395726.
- Oyston, P. C. F. and J. E. Quarry. "Tularemia Vaccine: Past, Present and Future." <u>Antonie van Leeuwenhock</u> 87 (2005): 277-281. PubMed: 15928980.
- 5. Matthew Hinz, personal communication.

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