

Specific-Pathogen Free (SPF) Chicken Embryo Allantoic Fluid, Chemically Inactivated Mock-Infected Control

Catalog No. NR-2514

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Contributor:

NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

Product Description:

NR-2514 was produced to serve as a mock-infected SPF chicken embryo allantoic fluid control for use with products related to the Massachusetts strain of avian infectious bronchitis virus (BEI Resources NR-444, NR-450, and NR-2515). SPF chicken embryo allantoic fluid is derived from the intestines of approximately 10-day-old SPF chicken embryos.

Material Provided:

Each vial contains approximately 1 mL of allantoic fluid from mock-infected SPF chicken embryos. The allantoic fluid was treated with binary ethyleneimine to simulate virus inactivation.

Packaging/Storage:

This product was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Specific-Pathogen Free (SPF) Chicken Embryo Allantoic Fluid, Chemically Inactivated Mock-Infected Control, NR-2514."

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. 4th ed. Washington, DC: U.S. Government Printing Office, 1999. HHS Publication No. (CDC) 93-8395. This text is available online at www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm.

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References:

1. Cunningham, C. H. "Symposium on Immunization Against Infectious Bronchitis Virus. I. Some Basic Properties of Infectious Bronchitis Virus." *Am. J. Vet. Res.* 18 (1957): 648-654. PubMed: 13444588.
2. Ismail, M. M., et al. "Antigenic and Genomic Relatedness of Turkey-Origin Coronaviruses, Bovine Coronaviruses, and Infectious Bronchitis Virus of Chickens." *Avian Dis.* 45 (2001): 978-984. PubMed: 11785902.
3. Loa, C. C. et al. "Differential Detection of Turkey Coronavirus, Infectious Bronchitis Virus, and Bovine Coronavirus by a Multiplex Polymerase Chain Reaction." *J. Virol. Methods* 131 (2005): 86-91. PubMed: 16137773.

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