

Ferret Hyperimmune Sera to Influenza A/California/07/2009 (H1N1)pdm09

Catalog No. NR-19261

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Product Description: NR-19261 is a preparation of pooled antisera from five ferrets that were intranasally inoculated with 10⁴ CEID₅₀ of influenza virus, A/California/07/2009 (H1N1)pdm09. Prior to infection, the ferrets were shown to be negative for antibodies against 2009-2010 seasonal H1N1 and H3N2 influenza A viruses, 2009 seasonal influenza B viruses of both the Victoria and Yamagata lineage and (H1N1)pdm09 pandemic influenza A virus.

Lot: 59311900

Manufacturing Date: 06JUL2010

TEST	SPECIFICATIONS	RESULTS
Hemagglutinin Inhibition Titers A/California/07/2009 (H1N1)pdm09 virus ¹ Positive control Negative control	> 160 Positive Negative	2560 Positive (≥ 640) Negative (< 10)
Hemagglutinin Inhibition Specificity Assays^{1,2} Pandemic 2009 H1N1 BPL-inactivated antigen A/California/07/2009 NYMC X-179A (H1N1)pdm09 Seasonal H1N1 BPL-inactivated antigen A/Brisbane/59/2007 IVR148 (H1N1) Seasonal H3N2 BPL-inactivated antigen A/Uruguay/716/2007 X-175C (H3N2) Seasonal B BPL-inactivated antigens B/Florida/4/2006 (Yamagata Lineage) B/Brisbane/60/2008 (Victoria Lineage)	Report results Report results Report results Report results Report results	Positive Negative Negative Negative Negative
Sterility (14-day incubation) Bacterial growth media Tissue culture media	No growth No growth	No growth No growth
Screening for Infectious Virus in Embryonated Chicken Eggs³ 1 st round of amplification (3-day incubation) 2 nd round of amplification (3-day incubation)	None detected None detected	None detected None detected

¹Using 0.5% turkey red blood cells

²In-life bleeds (21-day) from each individual ferret were tested for specificity using the indicated BPL-inactivated virus antigens from the 2009-2010 WHO Influenza Reagent Kit for Identification of Influenza Isolates.

³Allantoic fluid collected after each round of amplification was tested for hemagglutination activity.

Date: 07 JUN 2013

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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