

Ferret Hyperimmune Sera to Influenza A/New Caledonia/20/1999 (H1N1)

Catalog No. NR-19263

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Product Description: NR-19263 is a preparation of pooled antisera from six ferrets that were intranasally inoculated with influenza virus, A/New Caledonia/20/1999 (H1N1) grown in embryonated chicken eggs.

Lot: 60898496

Manufacturing Date: 12APR2012

TEST	SPECIFICATIONS	RESULTS
Hemagglutinin Inhibition Titers with Influenza Virus, A/New Caledonia/20/1999 (H1N1) RDE-treated NR-19263 Normal ferret sera	> 160 < 10	1280 < 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)	< 10 < 10 < 10 < 10 < 10 < 10	< 10 80 < 10 < 10 < 10
Sterility (14-day incubation) Bacterial growth media (37°C) Tissue culture media (37°C, 5% CO ₂)	No growth No growth	No growth No growth
Screening for Infectious Virus in Embryonated Chicken Eggs³ 1 st round of amplification 2 nd round of amplification	None detected None detected	None detected None detected

¹Using 0.5% turkey red blood cells

²RDE-treated FR-955 was tested for specificity using the indicated BPL-inactivated virus antigens from the 2010-2011 WHO Influenza Reagent Kit for Identification of Influenza Isolates.

³9- to 11-day old embryonated chicken eggs were inoculated with 0.1 mL of the indicated test sample and incubated at 33.5°C for 2 days. Allantoic fluid from the first round of amplification was tested for HA activity and 0.1 mL was inoculated into 9- to 11-day old embryonated chicken eggs and incubated at 33.5°C for 2 days. Allantoic fluid from the second round of amplification was tested for HA activity.

Date: 25 JUN 2012

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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