

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R86380 **Lot #:** 8E12521

Description: Influenza A (A/New Caledonia)
Influenza Virus, Type A (H1N1), Strain A/New Caledonia/20/99 IVR116

Source: Allantoic fluid of 10 day old embryonated eggs, inoculated with Influenza A virus.
Strain: A/New Caledonia/20/99 IVR 116

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Ultracentrifugation using 10-40% sucrose gradient.

Concentration: 1.0 mg/mL (BCA Method)

Buffer: 0.05 M Tris-HCl, pH 8.0 containing 0.1 M Sodium Chloride, 5 mM EDTA.

Preservative: 0.09% Sodium Azide, 0.005% Thimerosal.

Applications: Serological studies of influenza A virus, Immunogen for antibody production. Has been tested with MAb to Influenza A (Catalog #C86305M) in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

Inactivation: 0.005% Thimerosal and beta propiolactone.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The references listed below are for research purposes only:

1. Long, B.R., et al., (2008), "Elevated Frequency of Gamma Interferon-Producing NK Cells in Healthy Adults Vaccinated against Influenza Virus", Clinical and Vaccine Immunology, **15**(1): 120-130.
2. Alarcon, JB., et al., (2007), "Preclinical Evaluation of Microneedle Technology for Intradermal Delivery of Influenza Vaccines", Clinical and Vaccine Immunology, **14**(4): 375-381.

Quality Signature:



08 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY