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H1N1 New Caledonia

Catalog #:IHPS-010

For research use only.

Description: Allantoic fluid of 10 days old embryonated eggs, inoculated with influenza A virus, strain A/ New Caledonia/20/99 IVR 116. The Influenza Virus was purified by Ultracentrifµgation with 10-40 % sucrose gradient.

Physical Appearance: Sterile Filtered colorless solutionFormulationThe H1N1 A/New Caledonia/20/99 IVR solution contains STE, 0.1 % sodium azide (NaN3) and 0.005 % thimerosal.

Purity: Greater than 90.0% as determined byAnalysis by SDS-PAGE.

Stability:
A/New Caledonia/20/99 IVR althoµgh stable 4°C for 4 weeks, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
H1N1 is a subtype specie of Influenza A virus. H1N1 Influenza Virus has mutated into various strains such as the Spanish Flustrain, mild humanflu strains, endemic pigstrains, and various strains found in birds.The Influenza A Virus is a globular particle about 100nm in diameter, sheathed in a lipid bilayer derived from the plasma membrane of its host. Studded in the lipid bilayer are two integral membrane proteins some 500 molecules of hemagglutinin ("H") and some 100 molecules of neuraminidase ("N"). Within the lipid bilayer are 3000 molecules of matrix protein and 8 pieces of RNA. Each of the 8 RNA molecules is associated with many copies of a nucleoprotein, several molecules of the three subunits of its RNA polymerase some "non-structural" protein molecules of uncertain function.

References:
Title:A Patented Strain of Bacillus coagulans Increased Immune Response to Viral Challenge .Publication:DOI: 10.3810/pgm.2009.03.1971 Postgraduate Medicine: Volume: 121 No.2Link:http://postgradmed.org/doi/10.3810/pgm.2009.03.1971

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