



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Influenza A Antigen Strain TX

Catalog No.
MD-05-0115P

Host Animal
Embryonated chicken eggs

Description

Influenza A Antigen Strain Texas

Preparation

Purification: Eggs are infected by the amniotic route, incubated for 72 hours and refrigerated overnight. Amniotic fluids are harvested from live eggs and the embryos are washed in PBS. The suspension was concentrated using cross-flow ultracentrifugation system with 30,000 molecular weight cut off. The concentrate is sonicated and clarified using low speed centrifugation. This preparation contains a high concentration of viral antigens as well as some egg proteins in PBS.

Formulation

Format: Purified, Liquid

Buffer: PBS

Preservatives: None

Approx Protein Concentration: 0.60mg/ml (dye binding assay). HA Titer: 73,000 HA units/ml

Application

Suitable for use in immunoassay. This antigen preparation should be sonicated with a microtip immediately prior to use to ensure that the preparation is uniform. A precipitate may form upon thawing, due to high product concentration. Dilute prior to clarification or other manipulation. 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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Inactivation

Gamma radiation inactivation. Effectiveness determined when no detection of growth in two blind passages under the original culture conditions. Result: No live virus detected by CPE or HA assay.

Storage

Store at $\leq -70^{\circ}\text{C}$. Avoid multiple freeze/thaw cycles.

Warnings

We are aware of no specific hazards associated with this product. The reagent has been inactivated and should contain no infectious material. Generally accepted good laboratory practices appropriate to biological reagents should be employed when handling this product.

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