

CERTIFICATE OF ANALYSIS

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

Catalog #: R02310 **Lot #:** 9K33422

Description: Influenza B (B/Hong Kong 5/72)
Influenza B Antigen Strain B/Hong Kong 5/72

Source: MDCK Cells
Strain: B/Hong Kong 5/72

Format: Purified, Liquid

Purification: Clarified and concentrated cell culture supernatant.

Concentration: 1.19 mg/mL (Dye Binding Assay)
HA Titer: 27307 HA Units/mL (Hemagglutination Endpoint Assay)

Buffer: EMEM
NOTE: Freezing a buffered protein solution such as EMEM may selectively crystallize one buffering species, causing pH changes. EMEM (pH 7) is red in color (due to phenol red) at room temperature. Disodium Phosphate component crystallizes more readily than Monosodium Phosphate on freezing because the solubility of the disodium form is considerably lower than that of the monosodium form. Because of this, a solution that is buffered by sodium phosphate buffer at pH 7 at room temperature (and is red in color) may experience a pH drop during freezing and become orange or yellow. On thawing the material will be red in color because disodium salt will be re-solubilized and pH will be 7.

Preservative: None

Application: This preparation may be used as is in a variety of immunoassay formats or may be further purified to meet the needs of a particular assay format. May be used for both IgG and IgM detection in assays which include EIA with polystyrene and latex solid phases. 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: Store at -70°C to -100°C. Avoid multiple freeze/thaw cycles.

Inactivation: Gamma radiation inactivation. Inactivated sample is inoculated onto MDCK cells alongside positive and negative controls and serially passaged after three days incubation. Result: No growth detected.

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

Quality Signature:



29 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY