



Meridian

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CERTIFICATE OF ANALYSIS

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

Catalog #: B65314G **Lot #:** 17J28015

Description: Goat anti Influenza A
Goat Antibody to Influenza A Virus (H3N2)
Horseradish Peroxidase Conjugated

Specificity: Purified virions. Reacts with all antigenic types of Influenza A in other assay applications. May react with chicken cellular proteins. Specific to H3N2 by IHA. Does not react with HEp-2 cells. Does not react Influenza B, RSV, Parainfluenza virus (types 1-3) or Adenovirus.

Host Animal: Goat

Immunogen: Influenza A
Strain: Texas 1/77 (H3N2)

Format: HRP, Liquid

Purification: Sodium sulfate precipitation and ion-exchange chromatography purified IgG fraction coupled to a highly purified preparation of horseradish peroxidase (RZ > 3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is not present. Estimated Molar HRP IgG substitution is 2-3.

Concentration: 1-2 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline containing 10 mg/mL BSA.

Preservative: 0.002% Thimerosal

Applications: Suitable for use in ELISA. A starting range of 1:200-1:1,000 is recommended for enzyme Immunoassays. 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: Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycle.

References: The reference listed below is for research purposes only:
Draghi, M., et al., (2007), "NKp46 and NKG2D Recognition of Infected Dendritic Cells is Necessary for NK Cell Activation in the Human Response to Influenza Infection", The Journal of Immunology, **178**: 2688-2698.

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY