

Bioassayplus Inc.

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Product Specification Sheet

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

Product name: Paired monoclonal antibodies to influenza A nuclear protein

Catalog #: Mab-influA

Description: Influenza A virus causes influenza in birds and some mammals, and is the only species of influenza virus A. Influenza virus A is a genus of the Orthomyxoviridae family of viruses.

Influenza A viruses are negative-sense, single-stranded, segmented RNA viruses. The several subtypes are labeled according to an H number (for the type of hemagglutinin) and an N number (for the type of neuraminidase). There are 18 different known H antigens (H1 to H18) and 11 different known N antigens (N1 to N11).

Influenza type A viruses are categorized into subtypes based on the type of two proteins on the surface of the viral envelope: H = hemagglutinin and N = neuraminidase.

Paired influenza A antibodies (1331 and 1371) targets to the viral nuclear protein, it can detect entire group virus of influenza A. These paired antibodies are used for developing influenza lateral flow rapid test.

Source: Mouse

Format: Purified, Liquid

Purification: purified by protein A affinity column

Concentration: Clone 1331 (IgG2a) (lot CA725) 6.4 mg/ml
Clone 1371 (IgG1) (lot: CA876) 7.4mg/ml

Buffer: Phosphate buffered saline pH 7.4

Applications: Lateral flow rapid test

Storage: 4°C for a short time, -20°C for a long term storage