

AP30100CP-N**Influenza A H5N1 Control Peptide****Alternate names:**

Avian Influenza A H5N1 M2, H5N1 membrane ion channel 2

Quantity:

50 µg

Concentration:

0.2 mg/ml

Uniprot ID:[Q2L7I8](#)**NCBI:**[367021](#)**Format:****State:** Liquid purified**Buffer System:** PBS pH7.2 (10 mM NaH₂PO₄, 10 mM Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.**Applications:**

Avian Influenza A M2 peptide is used for blocking the activity of M2 antibody. It usually blocks the antibody activity completely in ELISA assays by incubating the peptide with equal volume of antibody for 30 min at 37°C.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

15 amino acids near the amino terminus of H5N1 influenza A M2.

Storage:

Avian Influenza A M2 peptide is supplied as 50

General Readings:

1. Lamb RA, Holsinger LJ, and Pinto LH. The influenza A virus M2 ion channel protein and its role in the influenza virus life cycle. In Cellular receptors of animal viruses. Edited by Wimmer E. Cold Spring Harbor, Cold Spring Harbor Laboratory; 1994; 303-321.