

AP02807CP-N**Influenza A Swine H1N1 Control Peptide****Quantity:** 50 µg**Concentration:** 0.2 mg/ml

Background: The Influenza A virus is a genus of the Orthomyxoviridae family of viruses and includes only one species. Influenza A viruses are negative sense, single-stranded, segmented RNA viruses. There are several subtypes, labeled according to an H number (for the type of hemagglutinin) and an N number (for the type of neuraminidase). There are 16 different H antigens (H1 to H16) and nine different N antigens (N1 to N9).

Influenza A (H1N1) virus is a subtype of influenzavirus A and the most common cause of influenza (flu) in Humans.

Source: Synthetic.**Format:** **State:** Liquid purified peptide

Buffer System: PBS, pH 7.2 containing 0.1% BSA as stabilizer and 0.02% Sodium azide as preservative

Applications: Suitable for use as a Positive Control or as a blocking peptide in ELISA. Antibody activity is usually completely blocked by incubating the peptide with an equal volume of antibody for 30 minutes at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description: Influenza A (Swine H1N1) Hemagglutinin (A/California/14/2009). Synthetic peptide corresponding to the Hemagglutinin protein of the swine-origin Influenza of the A/California/14/2009 (H1N1). Control peptide for antibody AP02807PU-N only.

Storage: Store at 2-8°C for short term or at -20°C for longer.
Avoid multiple freeze/thaw cycles.
Shelf life: one year from despatch.