

Influenza Testing

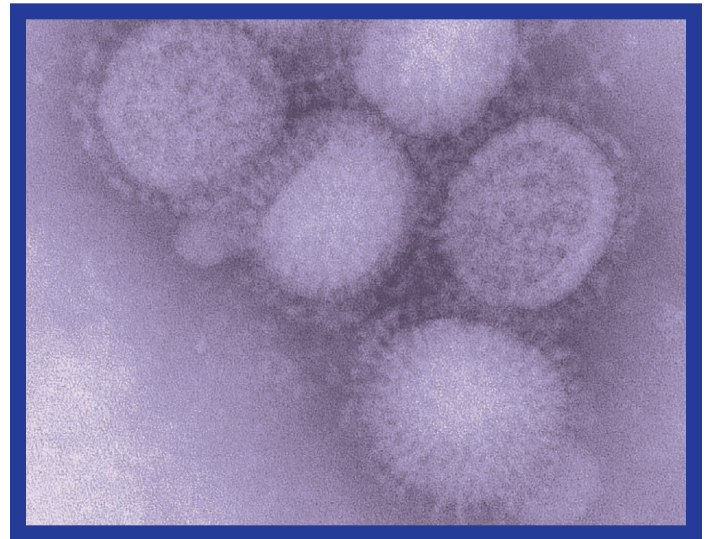
The 2009 influenza pandemic, novel H1N1 (swine flu) is likely to re-emerge this fall.

In preparation for the new influenza season, Clinical Laboratory Partners is pleased to offer several tests that can rapidly detect and type influenza virus in respiratory samples.

1. We will continue to offer the traditional direct antigen detection test (EIA) that has rapid turn around time and is fairly specific during the typical flu season. We recommend that all rapid flu negative samples be tested for influenza A & B by PCR and/or traditional viral culture for other respiratory viruses.
2. We will also continue to offer shell vial virus culture. This test has exquisite sensitivity and specificity for all respiratory viruses including influenza A & B, RSV, Parainfluenza 1, 2, 3 and Adenovirus.
This test has a turn around time of 2-3 days.
3. We recommend our new FDA-approved real-time reverse transcriptase-polymerase chain reaction (rRT-PCR) that can detect influenza-specific RNA directly in clinical specimens from symptomatic patients. The test has almost 100% sensitivity/specificity and can distinguish between influenza virus types A & B.
This test has a turn around time of 24 hours.
4. We also have developed a second rRT-PCR test that can subtype influenza A positive samples for novel H1N1, seasonal H1N1 and seasonal H3N2.

Specimen type: Nasopharyngeal swab placed in pink liquid viral transport medium (M4).
Throat swab is also an acceptable specimen.

Transport at room temperature



Please use the following test codes to order the most appropriate test for your patient

INFLUENZA TESTING

<u>Test Code</u>	<u>Test Name</u>	<u>CPT</u>
11842	Rapid Influenza A/B EIA reflex Influenza A/B PCR and H1N1 2009 swine origin PCR a) If Rapid is Negative, it will reflex the Influenza A/B PCR b) If Rapid is Positive, it will reflex the H1N1 PCR c) If Influenza A/B PCR is Positive, it will reflex the H1N1 PCR	87400 x2
11839	Rapid Influenza A/B EIA reflex Influenza A/B PCR a) If Rapid is Negative, it will reflex the Influenza A/B PCR	87400 x2
11840	Influenza A/B PCR reflex H1N1 2009 swine origin PCR a) If Influenza A/B PCR is Positive, it will reflex the H1N1 PCR	87798 x2
11838	Influenza A/B PCR a) Single test code only	87798 x2
11837	Influenza A H1N1 2009 swine origin PCR a) Single test code only	87798
11841	Rapid Influenza A/B EIA reflex Culture and H1N1 2009 swine origin PCR a) If Rapid is Negative, it will reflex the Culture b) If Rapid and/or Culture is Positive, it will reflex the H1N1 PCR	87400 x2
10453	Culture, Viral, Respiratory (Includes Influenza A & B, Parainfluenza 1,2 and 3, Adenovirus and RSV)	87254 x7
11045	Influenza A/B EIA reflex Culture a) If Rapid is Negative, it will reflex the Culture	87400 x2
11014	Influenza A/B EIA a) Single test code only	87400 x2



800.286.9800

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