

FOCUS

Respiratory Battery Testing by PCR

Including testing **H1N1 2009 Influenza A viral nucleic acids** *

While current testing methods for influenza are helpful in diagnosing conventional types of influenza, these rapid influenza diagnostic tests performed with either enzyme immunoassay (EIA) or direct immunofluorescence assays (DFA) cannot distinguish between H1N1 2009 and H1 seasonal or H3 seasonal influenza A viruses. The lower sensitivity (compared with RT-PCR) does not guarantee that a negative result rules out an influenza infection.

Sanford Laboratories is now performing real-time polymerase chain reaction (RT-PCR) Influenza testing to report a **confirmed diagnosis** of the influenza subtype. This testing allows improved turnaround time and is the most sensitive and specific methodology available.

For additional information regarding the testing, please contact Client Support at 605-328-5493 or 800-522-2561, ext. 85493.

Test Name	Test Code	Specimen Requirements	Tests included / Client Fee(effective 11/1/09)
Respiratory PCR Battery	1806	3 to 5 mLs of a nasopharyngeal aspirate or washings in a sterile collection container. Refrigerate	Influenza A, Influenza B, and RSV nucleic acids If positive for Influenza A: Subtyping will be performed, including H1 seasonal, H3 seasonal and the *H1N1 2009 Influenza A viral nucleic acids Fee: \$173 CPT: 87798 x 3
Respiratory PCR Battery, with Reflex Negative reflexes to Respiratory DFA Battery	7660 Reflex to 3997 (RC 4340)	3 to 5 mLs of a nasopharyngeal aspirate or washings in a sterile collection container. Refrigerate	Influenza A, Influenza B, and RSV nucleic acids If positive for Influenza A: Subtyping will be performed, including H1 seasonal, H3 seasonal and the *H1N1 2009 Influenza A viral nucleic acids Fee: \$173 If ALL are negative , additional tests for Influenza A & B, Adenovirus, human Metapneumovirus, RSV, and Parainfluenza types 1,2,3,& 4 are performed by DFA at additional charge. Fee: \$109
PCR A Subtype	1700	3 to 5 mLs of a nasopharyngeal aspirate or washings in a sterile collection container. Refrigerate	H1 seasonal, H3 seasonal and the *H1N1 2009 Influenza A viral nucleic acids Fee: \$173 CPT: 87798 x 3
PCR A Subtype, with Reflex Negative reflexes to Respiratory DFA Battery	1325 Reflex to 3997 (RC 4340)	3 to 5 mLs of a nasopharyngeal aspirate or washings in a sterile collection container. Refrigerate	H1 seasonal, H3 seasonal and the *H1N1 2009 Influenza A viral nucleic acids Fee: \$173 If ALL are negative , additional tests for Influenza A & B, Adenovirus, human Metapneumovirus, RSV, and Parainfluenza types 1,2,3,& 4 are performed by DFA at additional charge. Fee: \$109

