MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
NOTIFICATION DATE: December 6, 2013
EFFECTIVE DATE: January 8, 2014

Influenza Virus Type A and Type B, and Respiratory Syncytial Virus (RSV), Molecular Detection, PCR, Miscellaneous Sources

Test ID: FLUMS

USEFUL FOR: Rapid and accurate detection of influenza A, influenza B, and respiratory syncytial virus (RSV) in a single test.

METHODOLOGY: Multiplex Real-Time Polymerase Chain Reaction (RT-PCR)

REFERENCE VALUES: Negative

SPECIMEN REQUIREMENTS: Submit only 1 of the following specimens. Specimen source is required.

Specimen Type: Aspirate
Sources: Nasal or nasopharyngeal
Container/Tube: Sterile container
Specimen Volume: 0.5 mL
Specimen Minimum Volume: 0.3 mL

Specimen Type: Swab in M5 or similar viral transport media
Sources: Throat or Nasal
Container/Tube: Nasopharyngeal swab (rayon mini-tip) or throat swab
Specimen Volume: swab submitted in 0.5 mL of transport media
Minimum Volume: swab submitted in 0.3 mL of transport media
Acceptable: Swab may be placed in MML Supply T515
NOTE: Calcium alginate-tipped swab, swabs with wood handles or swabs in any gel transport media are not acceptable.

Specimen Type: Washing
Sources: Nasopharyngeal
Container/Tube: Sterile container
Specimen Volume: 0.5 mL
Specimen Minimum Volume: 0.3 mL

Specimen Type: Respiratory
Sources: Bronchial washing or bronchoalveolar lavage fluid
Container/Tube: Sterile container
Specimen Volume: 0.5 mL
Specimen Minimum Volume: 0.3 mL

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Varies	Refrigerate (preferred)	7 days
	Frozen	7 days

CAUTIONS: Given that influenza A and B and respiratory syncytial virus (RSV) are common and can cause an indistinguishable clinical disease, this test is offered only as a panel.

This assay detects influenza A virus RNA, but does not distinguish between the different subtypes of influenza A.

The sensitivity of the assay is very dependent upon the quality of the specimen submitted. A nasopharyngeal swab is the preferred specimen type for optimal detection of RSV RNA.

CPT CODE: 87631

DAY(S) SET UP: Monday through Sunday **ANALYTIC TIME**: 1 day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Kim J. Baker, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710