Created: 6/7/2024
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RIC Information Sheet

Overview

MDL Test Name

RIC (RSV A/B, Influenza A/B, SARS-CoV-2 panel by RT-PCR)

MDL Test Code

pRIC

Ask at Order Questions

None

Specimen Source

- Nasopharyngeal

OR

- Oropharyngeal

Specimen Requirements

Container/Tube

- Viral Transport Media (M4 or M5) with flocked Nasopharyngeal swab

OR

- Oropharyngeal swab

Specimen Volume (minimum)

N/A (swab specimen)

Sample Stability Time

- 72 hours at 20 – 22°C
- 7 days at 2 – 8°C

Transport/Storage Conditions

Refrigerated (4 – 8°C) or Ambient (20 – 22°C)

Patient Preparation / Collection Instructions

- Refer to the Nasopharyngeal Swab Collection
- Refer to the Oropharyngeal Swab Collection

Performance

Days Performed

Daily; Monday – Friday at 11:30 AM

Report Available (TAT) – (Once received at MDL)

< 48 hours

Specimen Retention Time

7 days

Method Description

Real-time reverse transcription polymerase chain reaction (RT-PCR) test intended for qualitative detection of nucleic acid from Respiratory Syncytial Virus (RSV) A/B, Influenza Virus A/B, SARS-CoV-2 Virus.

Reference Values

Not Detected (RSV A/B, Influenza A/B, SARS-CoV-2)

Interpretation

- A detected (positive) result indicates that the virus RNA indicated is present in the patient specimen, suggesting infection with the indicated virus. The test does not indicate the stage of infection. Rarely, more than one virus may be detected from the same patient specimen. Test results should always be correlated with the patient's history and clinical presentation.
- An undetected (negative) result indicates that RSV A, RSV B, Influenza A, Influenza B, SARS-CoV-2 RNA is not present in patient's sample. This can be influenced by stage of infection, and/or quality of specimen collected for testing. Test results should always be correlated with the patient's history and clinical presentation.
- An inconclusive result indicates the presence or absence of RSV A, RSV B, Influenza A, influenza B, or SARS-CoV-2 RNA in the specimen could not be determined with certainty, possibly due to real-time, reverse transcription polymerase chain inhibition. Submission of a new specimen for testing is recommended if clinically indicated.

Cautions

- This test has not been FDA-cleared or approved. It is a lab-developed test, validated by MDL.
- Undetected (negative) results do not preclude infection and should not be used as the sole basis for treatment. Results should be correlated with the patient's history and clinical presentation.
- This test is specific for RSV A/B, Influenza A/B, and SARS-CoV-2. Positive results do not exclude the possibility of concurrent infection with other respiratory viruses.
- This test detects Influenza A/B viral RNA but does not distinguish among the different viral subtypes.
- This test detects RSV A/B viral RNA but does not distinguish among the different viral subtypes.

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