

Technical Bulletin

Detailed information concerning methodology, specimen requirements, and reference ranges on new and specialized tests.

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- **Test Name:** **Influenza A, Influenza B & RSV Direct PCR Assay**
Influenza A, Influenza B & RSV Direct PCR with Respiratory Viral Culture
 - **Test Order Number:** **1554 – Influenza A, Influenza B & RSV Direct PCR Assay**
1590 – Influenza A, Influenza B & RSV Direct PCR Assay with Viral Culture
 - **CPT code:** 1554 – 87631
1590 – 87631 & 87254 (x4)
 - **Department:** Microbiology (500)
 - **Testing Schedule:** PCR: Monday through Sunday
< 24 hour turnaround time from receipt of specimen
Culture: Set-Up: Monday through Friday
Reported: 48-72 hours after initial set-up
 - **Specimen Requirement:** Nasopharyngeal swab/Viral Transport kit
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Test Information

1. ACM Medical Laboratory will offer PCR for Influenza A, B and RSV (Test No. 1554) and a PCR for Influenza A, B & RSV with a respiratory viral culture detecting parainfluenza virus 1, 2 & 3 and adenovirus (Test. No. 1590).

2. Requests for “Influenza Culture” or “Influenza” will have the Influenza A, B & RSV PCR performed. Due to the nature of the PCR assay, influenza PCR cannot be ordered without RSV.

Laboratory Results

Results for the Influenza A, B & RSV Direct PCR assay will be reported as Detected or Not Detected for Influenza A, Influenza B and RSV.

Results for the Influenza A, B & RSV Direct PCR assay with respiratory viral culture will be reported as Detected or Not Detected for Influenza A, Influenza B, RSV, Parainfluenza Virus 1, Parainfluenza Virus 2, Parainfluenza Virus 3 and Adenovirus.

Specimens ordered under Test. No. 1554 (Influenza A, B & RSV Direct PCR) will be held in the Microbiology Laboratory for five days. The Laboratory can be contacted if viral culture is desired during this period.

Clinical Information

PCR for Influenza A, B & RSV is the most accurate and sensitive method for identifying these respiratory viruses. PCR assays are at least 50% more sensitive than rapid influenza testing and the TAT of the PCR method used at ACM Medical Laboratory is similar to rapid influenza antigen testing. Given these advantages, ACM discourages the use of rapid influenza antigen testing.

Questions? Call (585) 429.2300 (Client Services) or Dr. Suzanne Dale, Director of Microbiology and Molecular Diagnostics or Dr. John D'Souza, ACM Medical Director, (585) 429.2246. Visit **www.acmlab.com** for additional