

### Ordering Recommendations

- This test is intended to aid in the diagnosis of respiratory tract infections caused by commonly-encountered human respiratory viruses
- Because respiratory infections can also be caused by bacterial and fungal pathogens, this test should only be requested if a viral etiology is suspected based on clinical presentation

### Specimen Requirements

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|-----------------------|--|
| Type                  | <ul style="list-style-type: none"> <li>• Nasopharyngeal Swab or Throat Swab in UTM</li> <li>• Other Lower Respiratory Specimens by MOC approval</li> </ul>           |
| Container             | <ul style="list-style-type: none"> <li>• <a href="#">Copan Universal Transport Medium (UTM) KIT</a></li> </ul>   |
| Collection Procedure  | <ul style="list-style-type: none"> <li>• <a href="#">Division of Clinical Microbiology Specimen Collection Procedures</a></li> </ul>                                 |
| Required Volume       | <ul style="list-style-type: none"> <li>• Optimal: 3 mL</li> <li>• Minimum: 1 mL</li> </ul>   |
| Stability/ Storage    | <ul style="list-style-type: none"> <li>• Stable at room temperature for 6 hours</li> <li>• &gt; 6 hours, refrigerate at 2 to 8°C</li> <li>• Do NOT freeze</li> </ul> |
| Grounds for Rejection | <ul style="list-style-type: none"> <li>• Sputum</li> </ul>   |

### Testing Information

|                         |  |
|-------------------------|--|
| Availability            | <ul style="list-style-type: none"> <li>• <a href="#">Division of Clinical Microbiology Laboratory Hours of Operation</a></li> <li>• STAT requests outside of these hours must be approved by the Microbiologist-on-call at 306-655-1000</li> </ul>   |
| Testing Site            | <ul style="list-style-type: none"> <li>• Virology/Molecular Microbiology Laboratory, RUH</li> </ul>  |
| Results Reporting       | <ul style="list-style-type: none"> <li>• 1 to 4 days</li> <li>• <a href="#">Notification of Critical and Semi-Urgent Values in Microbiology Document</a></li> <li>• <a href="#">Public Health Notifications (Microbiology) – Informational Document</a></li> </ul>   |
| Methodology             | <ul style="list-style-type: none"> <li>• Real Time Polymerase Chain Reaction (RT-PCR)</li> </ul>   |
| Clinical Interpretation | <ul style="list-style-type: none"> <li>• Influenza A, Influenza B, Respiratory Syncytial Virus (RSV), Adenovirus (AdV), Metapneumovirus (MPV), Rhinovirus (RV), Parainfluenzaviruses 1-4 (PIV-1 to PIV-4), and seasonal coronaviruses (HCoV)229E, HKU1, NL63, OC43. This is a qualitative assay only and will not provide any indication of viral load</li> <li>• NOTE: If Avian influenza (H5N1, H7N9, etc) or MERS coronavirus are suspected, please call the Microbiologist on-call to arrange appropriate testing as this panel will not distinguish Avian influenza from seasonal, and it will not detect MERS-CoV.</li> <li>• A positive result does not exclude the possible presence of other microbial pathogens</li> </ul> |
| Specimen Retention      | <ul style="list-style-type: none"> <li>• 14 days</li> </ul>  |
| SHR LIS Test Code       | <ul style="list-style-type: none"> <li>• VCULT</li> <li>• RVPAN (For Lab Use Only)</li> </ul>  |

### Test Ordering Requirements

|                |  |
|----------------|--|
| Forms Required | <ul style="list-style-type: none"> <li>• <a href="#">Virology requisition</a></li> </ul> |
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IF YOU CHOOSE TO PRINT THIS DOCUMENT, IT IS VALID ONLY ON DAY OF PRINT.

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Document #: LSM-544 v #: 3

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