

## Respiratory Virus Antigen Panel

<b>Test Description</b>	<p>Qualitative assay to detect respiratory virus nucleic acids. Includes:</p> <ul style="list-style-type: none"> <li>• Influenza A (subtypes H1 and H3)</li> <li>• Influenza B</li> <li>• Respiratory syncytial virus (subtypes A and B)</li> <li>• Parainfluenza 1</li> <li>• Parainfluenza 2</li> <li>• Parainfluenza 3</li> <li>• Human metapneumovirus</li> <li>• Rhinovirus/Enterovirus</li> <li>• Adenovirus</li> </ul>
<b>Test Use</b>	To aid in the diagnosis of disease in individuals exhibiting symptoms of upper or lower respiratory tract infection.
<b>Test Department</b>	Virology Phone: (860) 920-6662, FAX: (860) 920-6661
<b>Methodology</b>	Multiplex Reverse Transcriptase Polymerase Chain reaction (RT-PCR)
<b>Availability</b>	Daily, Monday-Friday
<b>Specimen Requirements</b>	<ul style="list-style-type: none"> <li>• Nasopharyngeal swab submitted in viral transport media.</li> <li>• Nasal aspirate, 2 mL, in a sterile screw capped container.</li> <li>• Bronchoalveolar lavage (BAL), 2 mL, in a sterile screw capped container</li> </ul>
<b>Collection Kit/Container</b>	To obtain collection kit, refer to Collection Kit Ordering Information.
<b>Collection Instructions</b>	Collect sample within 3 days of symptom onset. Use only polyester or Dacron-tipped swabs with plastic or aluminum shafts. Do NOT use calcium alginate or cotton-tipped swabs, or wood shafted swabs. Immediately place swabs into viral transport media
<b>Specimen Handling &amp; Transport</b>	Store specimen at 2-8° C. Transport with an ice pack coolant. Specimens must be received within 7 days after collection.
<b>Unacceptable Conditions</b>	Unlabeled specimen Specimens that have leaked or containers that have broken in transit Improperly collected samples
<b>Requisition Form</b>	Clinical Test Requisition (select <b>Respiratory Virus Antigen Panel</b> )
<b>Required Information</b>	Name and address of submitter (and/or Horizon profile #) Patient name or identifier, town of residence (city, state, zip), date of birth Specimen type or source of collection, date collected, test requested Please ensure patient name on the requisition matches that on the specimen.
<b>Limitations</b>	<ul style="list-style-type: none"> <li>• This assay has limited detection of Adenovirus species C and serotypes 7a and 41. An alternate method (such as cell culture) may be needed if adenovirus infection is suspected and a negative result is obtained with this method.</li> <li>• Primers for the detection of rhinovirus cross-react with enterovirus. A rhinovirus reactive result should be confirmed with an alternate method, such as immunofluorescence or virus culture.</li> </ul>

Revision: 8/25/15