

## Regional Pathology Services

981180 Nebraska Medical Center

Omaha, NE 68198-1180

402-559-6420 or 1-800-334-0459

Randi Nelson, Business & Marketing Coordinator

*New Test Alert*

*November 10, 2008*

<b>TEST:</b>	<b>Respiratory Viral Panel</b>
<b>Synonym:</b>	Respiratory Panel, Respiratory Viral Culture, RVP
<b>Lab Defined:</b>	Microbiology/Virology
<b>Admin Section:</b>	Microbiology
<b>Method:</b>	Qualitative nucleic acid amplified multiplex assay and cell culture.
<b>Availability:</b>	The PCR test will be performed on Monday, Thursday, and Saturday with additional testing days during respiratory viral season. Specimens received by 0400 on testing days, same day results.
<b>Specimen:</b>	Nasopharyngeal washings or Nasopharyngeal swab, both preferred; Bronchial alveolar lavage (BAL).
<b>Collect:</b>	Nasopharyngeal washings with normal saline and/or nasopharyngeal swab. Place in viral transport media. Transport refrigerated, must be received in lab within 72 hours.
<b>Volume:</b>	2-3 ml nasopharyngeal washings or BAL; nasopharyngeal swab
<b>Comment:</b>	Preliminary report of multiplex PCR for Influenza A, Influenza A subtype H1, Influenza A subtype H3, Influenza B, Respiratory Syncytial Virus (RSV) subtype A, Respiratory Syncytial Virus (RSV) subtype B, Human metapneumovirus, Rhinovirus, Adenovirus, and Parainfluenza viruses (1, 2, and 3) within 3 days of specimen receipt in lab. Final Culture report at 14 days. Unacceptable conditions: Sputum, tracheal aspirate, lung tissue biopsies and pleural fluid specimens, Samples in non-viral transport media, bacteria culture swabs, Dry swabs, wood swabs, calcium alginate swabs, samples in EIA and probetec transport media.
<b>Reference Range:</b>	Negative for Influenza A, Influenza A subtype H1, Influenza A subtype H3, Influenza B, Respiratory Syncytial Virus (RSV) subtype A, Respiratory Syncytial Virus (RSV) subtype B, Human metapneumovirus, Rhinovirus, Adenovirus, and Parainfluenza viruses (1, 2, and 3). No CPE detected at 14 days.
<b>Additional Info:</b>	Patient history requested: Date of onset, Travel history, Antiviral therapy, influenza vaccine status.
<b>Client Fee:</b>	\$375
<b>CPT:</b>	Culture: 87252 Hemadsorption: 87253 Amplified probe: 87798 x 8

