



**LEGACY
LABORATORY
SERVICES**

Influenza and RSV Testing Options 2009-2010

Virus	Method	Detects	Cerner Order	Specimen	TAT	Sensitivity And Specificity	Performing Locations	Test Availability	Comments
Influenza	PCR (Molecular)	Influenza A, Influenza B, and RSV (panel test)	Influenza and RSV by PCR Nasal Spec	NP Swab ONLY in viral transport media	24 hrs	98-100 % sensitive, 93-99 % specific for Flu A and Flu B	Central Lab Molecular only	Available only during the influenza and RSV season.	MUST BE KEPT COLD AT ALL TIMES and sent in viral transport media
	EIA	Influenza A and Influenza B	Influenza Rapid EIA with Reflex	Nasal Wash OR Nasal Aspirate OR NP Swab in viral transport media	90 min	40% sensitive for H1N1, 60-70% sensitive for seasonal influenza, 95-98% specific	Microbiology, all core hospital laboratories, and Eugene laboratories	Available in the midst of influenza season only, when influenza is known to be in the community.	All negatives will be reflexed to the Influenza and RSV by PCR Nasal Spec test, automatically so must be kept cold and sent in viral transport media
	DFA	Influenza A and Influenza B	Influenza Detection by DFA	Nasal Wash OR Nasal Aspirate OR NP Swab in viral transport media	24 hrs	75-85% sensitive for all influenza, 98-100% specific	Microbiology only	Available all year	Test limitation: must have 30 cells or more on slide for result to be adequate This test is part of the Respiratory Virus Direct Antigen Panel
	Culture	Influenza A and Influenza B	Culture Influenza Virus	Any Respiratory Specimen in M4	3 days	85-95% sensitive for all influenzas, 98-100% specific	Microbiology only	Available all year	
RSV	EIA	RSV	RSV	Nasal Wash OR Nasal Aspirate OR NP Swab in viral transport media	90 min	85-90% sensitive relative to culture	Microbiology, Salmon Creek, Mt. Hood, Emanuel core laboratories, and Eugene labs	Available during RSV season only.	Good, rapid test This test is part of the Respiratory Virus Direct Antigen Panel
	PCR (Molecular)	RSV, Influenza A and Influenza B (panel test)	Influenza and RSV by PCR Nasal Spec	NP Swab ONLY in viral transport media	24 hrs	89.5% sensitive, 94.9 % specific	Central Lab Molecular only	Available only during the influenza and RSV season	MUST BE KEPT COLD AT ALL TIMES and sent in viral transport media

Legacy Laboratory Client Services (503) 413-1234 Toll Free (877) 270-5566

Revised 12/2009