

## **Influenza Testing Options 2013-2014**

VIRUS	METHOD	DETECTS	CERNER ORDER	SPECIMEN	TAT	SENSITIVITY and SPECIFICITY	PERFORM LOCATIONS	TEST AVAILABILITY	COMMENTS (Relative Expense in \$'s)
INFLUENZA	PCR	Influenza A, Influenza B, and typing for novel 2009 H1N1	Influenza A B H1N1 PCR	NP Swab, Nasal Wash or Nasal Aspirate in viral transport (M4 or M4RT)	24 hrs.	98-100% sensitive, 93-99% specific for Flu A and Flu B	Emanuel Microbiology and Eugene laboratory only	Available all year	Send in viral transport media and must be kept cold if transport is over 1 hour. Recommended for all adult population influenza testing (\$\$)
	PCR	Influenza A, Influenza B, and typing for H1, H3, and novel 2009 H1N1	Respiratory Virus Panel by PCR	NP Swab, Nasal Wash or Aspirate, Bronch Wash in viral transport	24 hrs.	90% sensitive, 99% specific for the Influenza targets	Emanuel Microbiology only	Available all year	Recommended for inpatients served by ID specialists, Pediatricians, ICU specialists, and Pulmonologists.  (\$\$\$)
	EIA	Influenza A and Influenza B	Influenza Rapid EIA with Reflex	NP Swab, Nasal Wash or Nasal Aspirate in viral transport (M4 or M4RT)	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 or invalids will be reflexed to the Influenza PCR test automatically so must be kept cold and sent in viral transport.  EIA itself (\$)  EIA plus Flu PCR (\$\$)
	DFA	Influenza A and Influenza B	Influenza Detection by DFA	Nasal Wash, Nasal Aspirate in leak proof container	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  NP Swabs not recommended  (\$)

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Last Approved Date: 11/19/2013