

# Respiratory Pathogens PCR



## Respiratory Pathogens PCR Panel

**Effective September 27, 2016, St. Luke's Laboratory will begin performing rapid PCR testing for pathogens commonly associated with upper respiratory tract infections.**

This new panel provides rapid, simultaneous detection of 17 viruses and 3 bacteria which cause upper respiratory tract infections. This panel **should not** be used in place of rapid influenza testing in the outpatient setting during flu season. The panel is primarily intended for use in patients who are severely ill, immunocompromised, or Emergency Department and inpatients with severe underlying medical conditions.

The Respiratory Panel tests for the following targets:

<b>Viruses</b>		<b>Bacteria</b>
Adenovirus	Influenza A/H1	Bordetella pertussis
Coronavirus 229 E	Influenza A/H1-2009	Chlamydia pneumoniae
Coronavirus HKU1	Influenza A/H3	Mycoplasma pneumoniae
Coronavirus OC43	Influenza B	
Coronavirus NL63	Parainfluenza 1	
Human Metapneumovirus	Parainfluenza 2	
Human Rhinovirus/Enterovirus	Parainfluenza 3	
Influenza A	Parainfluenza 4	
	RSV	

**Sample Type:** Nasopharyngeal (NP) Swab in Viral Transport Media (same device as currently used for influenza collections)

**Test Name:** Respiratory Pathogens, PCR

If you have questions, please contact St. Luke's Microbiology Laboratory 218-249-5319.