

### Infectious Disease Diagnostics

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#### Yearly Switch to Winter Version of Respiratory Pathogen Algorithm

As of November 1, 2018, Geisinger Medical Laboratories will make its yearly switch to our Winter Respiratory Pathogen Panel Testing Algorithm.



#### INFLUENZA AND RSV TESTING

For Out-patients: Use test code ABRP (Flu A/B RSV PCR), available to lower costs for healthy out-patients. ABRP is performed by all 8 Geisinger hospitals, Geisinger South Wilkes Barre, and our large Regional Laboratory Out-patient Sites (Grays Woods, Lewistown, Pottsville, Mt. Pocono, and Tunkhannock)

#### REMINDERS

Request ABRPCR for out-patients

Request RPPCR for in-patients and high-risk out-patients

#### FULL RESPIRATORY PANEL TESTING

For Pre-admissions and Inpatients: Use test code RPPCR (Respiratory Pathogen PCR), performed by GMC, GWV, GSACH, GBH, GCMC, GLH, and GHS laboratories.

*RPPCR testing includes: adenovirus, coronaviruses: 229E, HKU1, NL63, and OC43, rhinovirus, human metapneumovirus, influenza A (subtypes H1, 2009 H1, and H3), influenza B, parainfluenza virus types 1-4, RSV, Bordetella pertussis, Chlamydomphila pneumoniae, and Mycoplasma pneumoniae.*

Check out 10X Essentials on YAMMER

[https://www.yammer.com/geisinger.edu/#/threads/inGroup?type=in\\_group&feedId=8104830&view=all](https://www.yammer.com/geisinger.edu/#/threads/inGroup?type=in_group&feedId=8104830&view=all)



**NOTE:** For high-risk out-patients, RPPCR is an option. To avoid billing complications for out-patients, please avoid ordering ABRP and RPPCR on the same day.

#### FOR BOTH TESTS

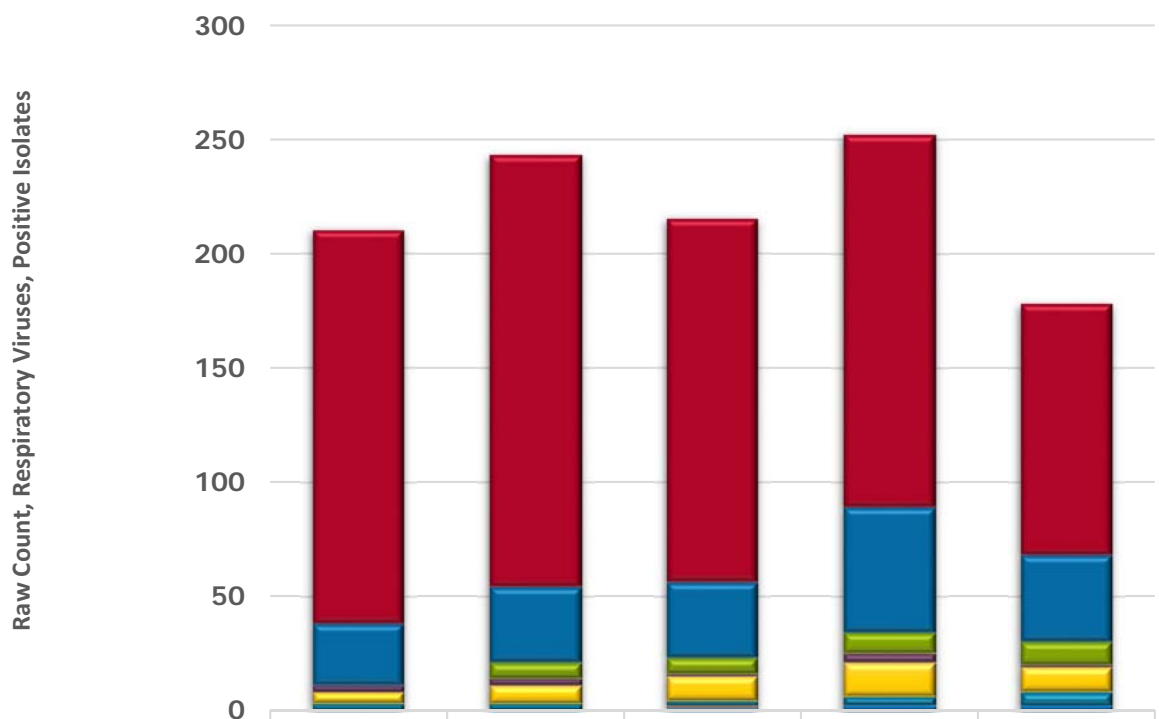
- Collect a nasopharyngeal (NP) swab
- Nasal swabs are NOT recommended (lower accuracy, especially for RSV)
- Immediately place swab in Universal Transport Media (UTM) and transport at 2-8°C (on ice)



## Respiratory View

In CDC Week 44, rhinovirus/enterovirus is the predominant virus, followed by parainfluenza virus, and adenovirus. Influenza is rare to non-existent in our service region.

GML Respiratory View®, Viruses from Geisinger Diagnostic Medicine Institute  
Microbiology Laboratories  
CDC week 44, ending 10/28/2018



	Sun, 9/30/2018	10/7/2018	10/14/2018	10/21/2018	10/28/2018
■ Rhino/Enterovirus	172	189	159	163	110
■ Parainfluenza virus	27	33	33	55	38
■ Human Metapneumovirus	0	7	7	9	10
■ Coronavirus	3	3	1	4	1
■ Adenovirus	5	8	11	15	11
■ RSV	3	3	2	4	6
■ Influenza B	0	0	1	0	0