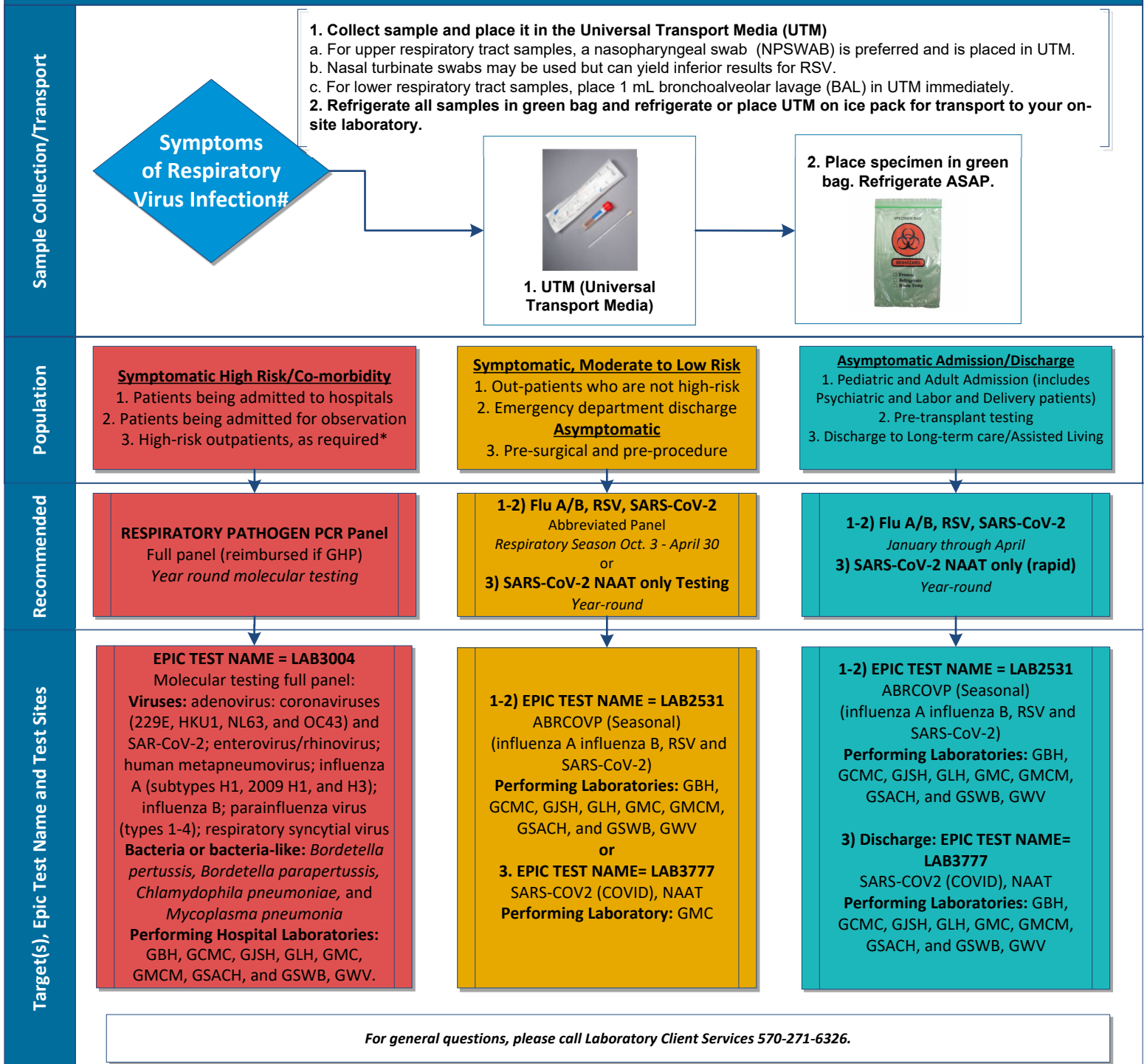


# 2023-2024 Winter Respiratory Pathogen Molecular Testing Algorithms<sup>®</sup>

## Geisinger, Diagnostic Medicine Institute

Order UTM with flocked swab from Geisinger Supply Chain or via your Laboratory Client Support Specialists



Note: There is a rare chance of detecting influenza outside the respiratory season; therefore the full molecular panel is standard from May through September. Geisinger Community Care may offer rapid testing by molecular methods, depending on the clinic site.

**\* Groups at high risk for influenza complications per Centers for Disease Control and Prevention**

Children <2 years and Adults ≥65 years of age (Although all children <5 years of age are considered to be at higher risk for complications of influenza, the highest risk is for those <2 years of age, with the highest hospitalization and death rates among infants < 6 months of age).

Adolescents <19 years of age and receiving long-term aspirin therapy or salicylate-containing medication

Women who are pregnant or postpartum (within two weeks after end of pregnancy)

Residents of nursing homes and other long-term care facilities

People from certain racial and ethnic minority groups, including non-Hispanic Black persons, Hispanic or Latino persons, and American Indian or Alaska Native persons

Persons with chronic pulmonary (including asthma, COPD, and cystic fibrosis), cardiovascular (except hypertension), congenital heart disease, congestive heart failure, coronary artery disease, renal, hepatic, hematologic (including sickle cell disease), endocrine (including diabetes mellitus), metabolic/endocrine (inherited and mitochondrial disorders), neurologic (including stroke), neuromuscular, and neurodevelopmental disorders (including disorders of the brain, spinal cord, peripheral nerve and muscle such as cerebral palsy, epilepsy, stroke, intellectual disability, moderate to severe developmental delay, muscular dystrophy, or spinal cord injury), weakened immune system due to disease (such as people with HIV or AIDS, or some cancers such as leukemia) or medications (such as those receiving chemotherapy or radiation treatment for cancer, or persons with chronic conditions requiring chronic corticosteroids or other drugs that suppress the immune system) Morbidly obese (body mass index [BMI] ≥40 for adults or BMI >2.33 standard deviations above the mean for children)

Adapted from: Influenza Division, National Center for Immunization and Respiratory Diseases, CDC. Prevention and control of seasonal influenza with vaccines. MMWR Recomm August 25, 2023 / 72(2);1-25. and <https://www.cdc.gov/flu/highrisk/index.htm>, accessed 09/13/23

Resp Testing Algo.vsd. 12/30/2013, 2/5/14; 11/07/14, 11/01/15, 10/13/16, 10/30/17, 10/31/2018, 10-9-2019;11/1/2020 11/1/2020 10/1/2021; 9/29/202, 11/14/22;09/13/23