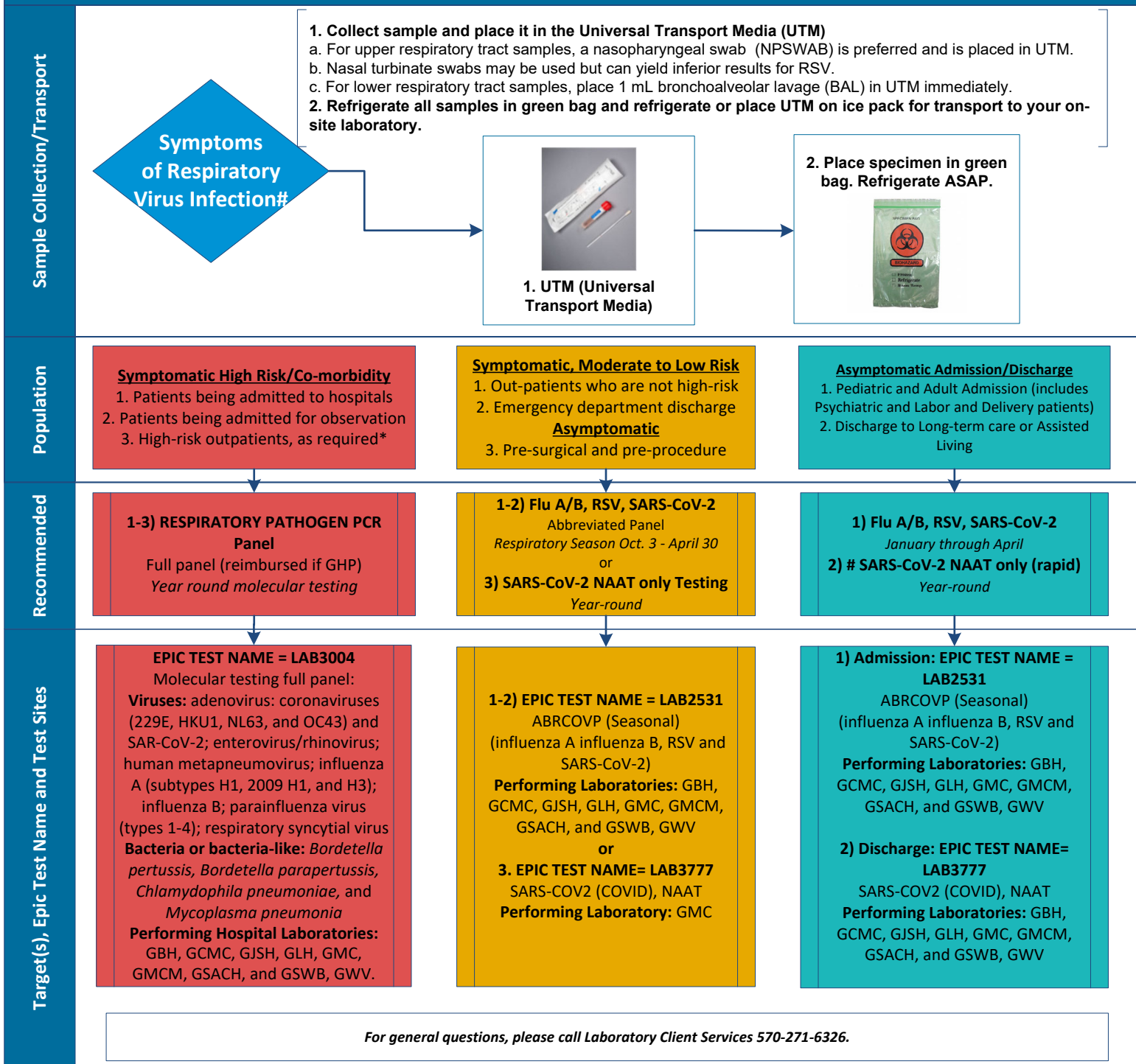


2022-2023 Winter Respiratory Pathogen Molecular Testing Algorithms[®]

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.
- Children <19 years of age and receiving long-term aspirin therapy
- Native Americans and Alaskan Natives, non-Hispanic black persons, and Hispanic or Latino persons
- Women who are pregnant or postpartum (within two weeks after end of pregnancy)
- Persons with chronic pulmonary (including asthma), cardiovascular (except hypertension), renal, hepatic, hematologic (including sickle cell disease), metabolic (including diabetes mellitus, inherited and mitochondrial disorders), neurologic, 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), immunosuppression (including immunosuppression caused by medications or by human immunodeficiency virus, some cancers and medications)
- Morbidly obese (body mass index [BMI] ≥40 for adults or BMI >2.33 standard deviations above the mean for children)
- Residents of nursing homes and other long-term care facilities

Adapted from: Influenza Division, National Center for Immunization and Respiratory Diseases, CDC. Prevention and control of seasonal influenza with vaccines. MMWR Recomm Rep 2013; 62:1. and <https://www.cdc.gov/flu/highrisk/index.htm>, accessed 09/29/2022
 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