



Date: March 18, 2022

To: UCH Medical Staff, House-staff, Patient Care Centers and Outpatient Clinics

From: Vera Tesic, MD, MS, D (ABMM)
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RE: Adenovirus (ADVP) Quantitative Testing
Adenovirus (ADVO) Qualitative Testing

Effective immediately, Clinical Microbiology/ Immunology Laboratories will start sending out Adenovirus quantitative and qualitative testing to Mayo Clinical Laboratories for testing.

We have been informed by the manufacture there is a shortage of testing supplies for Adenovirus testing. Due to manufacturer challenges, this has significantly impacted our testing abilities.

Adenovirus testing at Mayo is preformed using Real -Time PCR

Adenovirus DNA, Quantitative

Reference values	<500 copies/mL
Specimen type	Respiratory ^a : 1mL in sterile container Spinal Fluid: 1mL in sterile container Urine: 1mL in sterile container Whole Blood: 4mL in EDTA tube

^a Bronchial lavage or wash, nasopharyngeal lavage or wash, sputum, or tracheal lavage or wash

Adenovirus DNA, Qualitative

Reference values	Negative
Specimen type	Respiratory ^a : 1 mL in sterile container Spinal Fluid: 0.5 mL in sterile container Body Fluid ^b : 0.5 mL in sterile container Urine: 1mL in sterile container Stool: 1gram in sterile container Tissue and Nasal, Throat, Respiratory, Genital, or Ocular swabs in viral transport medium (VTM)

^a Bronchial washing, bronchoalveolar lavage, nasopharyngeal aspirate or washing, sputum, or tracheal aspirate

^b Pleural, peritoneal, ascites, pericardial, or amniotic fluid

There will be **no change** in EPIC order and testing algorithm.

Ordering providers will continue to use our current test codes (ADVP for Quantitative PCR and ADVO for Qualitative PCR). Turnaround time will be 2 - 5 days. We will continue to work with our suppliers and manufactures to alleviate the constraint as soon as possible.

If you have any questions, please contact Nilima Trivedi, BS, MT(ASCP), Manager of Microbiology/ Immunology Laboratories at 773 702-6133.