



Memorandum - Molecular Pathology #37

To: UNC Healthcare System Attending Physicians, Housestaff, Nursing Coordinators, Department Heads and Supervisors

From: *KW* Karen Weck MD, Director, Molecular Genetics Laboratory

JB Jessica Booker, PhD, Technical Director, Molecular Genetics Laboratory

HCU Herbert C. Whinna MD, PhD, Medical Director, McLendon Clinical Laboratories

Date: August 24, 2022

Subject: Changes to Cytomegalovirus (CMV) testing on Guthrie Cards (Newborn Blood Spots)

Effective, September 06, 2022, the Molecular Genetics Laboratory at UNC Medical Center will discontinue the testing of CMV Guthrie Card Analysis (LAB5509A) due to instrumentation changes.

The Molecular Genetics Laboratory will facilitate the send-out of Guthrie Cards for CMV testing to ARUP Laboratories via Referral laboratory services. Click [here](https://ltd.aruplab.com/Tests/Pub/0060040) for information about the testing at ARUP (<https://ltd.aruplab.com/Tests/Pub/0060040>).

The Molecular Genetics Laboratory will continue to offer Connexin 26 (*GJB2*) and 30 (*GJB6*) mutation testing on Guthrie Card samples (LAB26300). We will also continue to offer Connexin 26 and 30 mutation testing on whole blood samples (LAB5660).

Specimen Requirements

Dried blood spots (Guthrie Card). **Note:** the validated stability for testing by ARUP is 28 days from the collection of the sample.

Test Name in Epic

Referral Lab Test, Other

Test Order (EAP) number in Epic

LAB5744

Turn-around time

28 days

Clinician Ordering Workflow:

1. In Epic, order the test: Referral Lab Test, Other (LAB5744) as “Future” order with test requested as 'CMV, Qualitative PCR on DBS from NC State Public Health Lab', with the following comment:
“I approve testing for CMV on a sample outside of ARUP validated stability of 28 days which may affect the performance characteristics of the assay and will interpret the results with caution.”
2. Fax the request to (984) 974-2496 **with:**
 - a. Molecular Genetics Test Request form
 - b. NCDOH HIPAA Authorization for Release of Health Information, and
 - c. Picture ID of a parent or guardian.

Questions? Contact Karen Weck, MD, Email: Karen.Weck@unchealth.unc.edu or call the UNCH Molecular Genetics Lab at (984) 974-1825.

Website, <https://www.unccmedicalcenter.org/mclendon-clinical-laboratories/directory/molecular-pathology-and-genetics/>