



Memorandum – Cytogenetics #1

To: UNC Health Attending Physicians, Faculty Practice Physicians, Housestaff, Clinical Nurse Coordinators, Department Heads and Supervisors

From: *HCU* Herbert C. Whinna, MD, PhD
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Date: April 25, 2024

Subject: Changes to LAB5505A (Cytogenetics, Constitutional Analysis) Order

Effective April 25th, 2024, test code LAB5505A (Cytogenetics, Constitutional Analysis) has been updated to allow for the selection of testing for karyotype, microarray, and/or familial follow-up (e.g., targeted microarray, FISH, etc.) via a single test code.

Effective April 30th, 2024, test codes:

- LAB5666 (Microarray Analysis)
- LAB5667 (Microarray/20-cell karyotype)
- LAB5672 (Microarray/5-cell karyotype)

will be discontinued. These tests are all orderable through LAB5505A.

Specimen Requirements

Routine: 3-5 mL peripheral blood in sodium heparin (green top) tube

Newborns: 1-2 mL cord blood or peripheral blood in sodium heparin (green top) tube

Test Name in Epic

Cytogenetics, Constitutional Analysis

Test Order (EAP) number in Epic

LAB5505A

Questions? Email the laboratory genetic counselor (LabGC@unchealth.unc.edu) or call the UNCH Cytogenetics Laboratory at (984) 974-1790