

# Test Update

## New NeoGenomics Testing

### UVM Medical Center

Effective 8/4/26, a new Cytogenetics to NeoGenomics (LAB17948) order will be available in Epic. This order will provide the clinician with three options to choose from:

- NeoGenomics - Chromosome Analysis
- NeoGenomics – FISH
- Both (Chromosome Analysis and FISH)

When placing this order, the clinician will indicate the specimen type/source they are collecting. Based on that, it changes what possible answers/tests are available to order:

**Cytogenetics to NeoGenomics** [Accept] [Cancel]

Status: **Normal** Standing Future

Class: Lab Collect Clinic Collect **Lab Collect** External Referral

Priority: **Routine** STAT

Dx association: Search for diagnosis + Add

☒ Encounter for general adult medical examination without abnormal findings Qualifier Comment

Process Instructions: DO NOT PLACE SPECIMEN IN FORMALIN.  
This order is used to place either Chromosome Analysis Testing or FISH Testing as a sendout to NeoGenomics. Chromosome Analysis may be performed on either Blood or Bone Marrow. FISH Testing may be performed on Blood, Bone Marrow, or Tissue.

Reference Links: [Oncology Chromosome Analysis](#) [NeoGenomics FISH Panels](#)

Outside Physician's Address

Specimen Type? **Bone Marrow** Blood Tissue

Specimen Source? Bone Marrow Aspirate **Bone Marrow, Biopsy**

Testing Desired? **Chromosome Analysis** FISH **Both (Chromosome Analysis and FISH)**

Client Account Number for Client Billing

Notify if not resulted? (based on Expected Date above): YES (send an Overdue Results In Basket message)

Results Release to Patient (Note: Choosing Manual Release will only block results from tests performed at UVMHN and does not apply for Miscellaneous Test Order) **Immediate** Manual release only

### Specimen Requirements:

**NeoGenomics – FISH:** Submit one of the following

| Specimen/Source  | Collection Requirements                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Bone Marrow      | 1-2 mL Green Top (sodium heparin), preferred. Lav Top EDTA is acceptable. Refrigerate.                                            |
| Peripheral Blood | 1-5 mL Green Top (sodium heparin), preferred. Lav Top EDTA is acceptable. Refrigerate.                                            |
| Tissue           | Cut Slide: Suitable for select assays only. See website for more information.<br>Fresh Unfixed Tissue: 0.2 cubic cm. Refrigerate. |
| Fluids           | CSF: 50-100 mL. Refrigerate.<br>All other fluids: 50-200 mL. Refrigerate.                                                         |



**University of  
Vermont Health**

**UVM Medical Center**  
Pathology & Laboratory Medicine

**Location**  
111 Colchester Ave.  
Burlington, VT 05401

**Lab Customer Service**  
802-847-5121  
800-991-2799

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**NeoGenomics – Chromosome Analysis:** Submit one of the following

| Specimen/Source  | Collection Requirements                                              |
|------------------|----------------------------------------------------------------------|
| Bone Marrow      | 1-2 mL Green Top (sodium heparin). Refrigerate.                      |
| Peripheral Blood | 2-5 mL Green Top (sodium heparin). Refrigerate. Provide CBC report.  |
| Tissue           | Fresh Unfixed Tissue: >0.3 cubic cm in RPMI. Refrigerate.            |
| Fluids           | CSF: 1-3 mL. Refrigerate.<br>All other fluids: 5-10 mL. Refrigerate. |

The Cytogenetics to NeoGenomics order will replace the following orderables in Epic:

| Orderable to be Discontinued in Epic | Epic Code |
|--------------------------------------|-----------|
| Chromosome Analysis                  | LAB9912   |
| FISH                                 | LAB9913   |

For questions regarding this change, contact Dr. Juli-Anne Gardner ([Juli-Anne.Gardner@uvmhealth.org](mailto:Juli-Anne.Gardner@uvmhealth.org)).



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