

☐ NEW TEST ☒ TEST CHANGE

NOTIFICATION DATE: 02/19/2025

EFFECTIVE DATE: 02/19/2025

Quantitative BCR/ABL1 Molecular Detection

On the effective date, the Molecular Pathology Laboratory at North Shore University Hospital will implement a change in the **Quantitative BCR/ABL1 Molecular Detection testing algorithm**. This test currently includes both quantitative tests for the p210 and p190 translocations, however on the effective date the health care provider will need to indicate the translocation: p210 and/or p190 to be tested. If no choice is made the specimen will be tested for p210 only. The p210 and p190 options can be found in the Heme/Oncology Requisition, Cerner/Allscripts, or via email to the Molecular Pathology lab. (MolecularPathologyDivision@northwell.edu).

Test Requirement/Parameters	New	Current
Tests included	p210 (Major) and/or p190 (Minor)	p210 and p190
Test Order	HLX BCR-ABL1 by RT-PCR CASE EPIC Order: Quantitative BCR/ABL1 Molecular Detection Heme/Onc Requisition	HLX BCR-ABL1 by RT-PCR CASE EPIC Order: Quantitative BCR/ABL1 Molecular Detection Heme/Onc Requisition
Computer Interface Code	PDM # 5911120	PDM # 5911120

Heme/Oncology Requisition

MOLECULAR ONCOLOGY (Send to Manhasset Cytogenetics)

☐ HLX IGR B-Cell Gene Rearrangement

☐ HLX TCR T-Cell Gene Rearrangement

☐ HLX BCR Quantitative *BCR::ABL1* ☐ p210 ☐ p190

☐ HLX JAK2 JAK2 V617F Mutation Quantitative

☐ HLX JAK2RLX JAK2 Quantitative JAK2 V617F mutation with reflex to Exon 12-15

☐ HLX CALR *CALR*

☐ HLX MPL *MPL* W515K, W515L, W515A, S505N

☐ HLX FLT3 *FLT3*-ITD and TKD

☐ HLX WM/LMP MYD88 and CXCR4 Panel Mutation Analysis

☐ HLX MYD88 *MYD88* L265P

☐ HLX CXCR4 *CXCR4* C1013G Mutation Analysis

☐ BCL2IGH Gene *BCL2::IGH* Gene Rearrangement

☐ DNA and HOLD BRLI Myeloid Panel

☐ Other: _____



If you have any questions, please contact Molecular Pathology Lab at (516) 562-4114.