

Malignant Hematology

Department of Laboratory Medicine and Molecular Diagnostics

Address / Contact:

Sunnybrook Health Sciences Centre
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<https://sunnybrook.ca/content/?page=dept-labs-moleserv>
Email: molecular.services@sunnybrook.ca
T: 416-480-4012 F:416-480-4271

Patient Information:

Name: _____
MRN: _____
DOB: _____ Sex: M / F
Health Card#: _____

Clinical History / Reason for Referral:

- _____
- New Diagnosis
- Recurrence
- Monitoring
Date of last treatment _____
- RUSH (reason): _____

Referring Physician Info:

Name: _____
Address: _____
Phone: _____ Fax: _____
Signature: _____
cc: _____
(Include any other relevant treating physicians)

Test

- * B-cell clonality (IGH/IGK)
- * T-cell clonality (TCR β and γ)
- * IGH/BCL2 (BCL2)
- * JAK2 (V617F), CALR (exon 9 indels)
- * BCR::ABL1 (chronic phase, p210 only)
For monitoring BCR::ABL1 p190 assay, use UHN requisition

Specimen required:

FFPE or 1 tube of blood/BMA in EDTA
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1 tube of blood/BMA in EDTA

2 tubes of 3mL EDTA blood

Send specimen for the above tests to E410

Myeloid NGS panel

Specimen required: 1 tube of BMA in EDTA

- AML
- MDS, non-CML MPN and MDS/MPN

If there is flow cytometry specimen, send both flow and myeloid NGS specimen to **B210**; otherwise send specimen requiring myeloid NGS only to **E410**.

To activate testing for non Sunnybrook patients, hematopathology report or other supporting documentation must either be sent with the sample or faxed to 416-480-6035.

- Myeloid NGS – DNA

ABL1, ANKRD26, ASXL1, BCOR, BRAF, CALR, CBL, CEBPA, CSF3R, DDX41, DNMT3A, ETV6, EZH2, FLT3, GATA2, HRAS, IDH1, IDH2, IKZF1, JAK2, KIT, KRAS, MPL, MYD88, NF1, NPM1, NRAS, PHF6, PPM1D, PRPF8, PTPN11, RB1, RUNX1, SETBP1, SF3B1, SH2B3, SMC1A, SMC3, SRSF2, STAG2, TET2, TP53, U2AF1, WT1, ZRSR2

- Myeloid NGS – RNA

ABL1, ABL2, ALK, BCL2, BRAF, CCND1, CREBBP, EGFR, ETV6, FGFR1, FGFR2, FUS, HMGA2, JAK2, KAT6A (MOZ), KAT6B, KMT2A, KMT2A-PTDs, MECOM, MET, MLLT3, MLLT10, MRTFA (MKL1), MYBL1, MYH11, NTRK2, NTRK3, NUP214, NUP98, PAX5, PDGFRA, PDGFRB, RARA, RBM15, RUNX1, TCF3, TFE3, ZNF384

Lab Use Only:

* Indicates testing for non-Sunnybrook patient will be billed to the referring physician, hospital or laboratory