FLOW CYTOMETRY FOR MALIGNANT HAEMATOLOGY

CLINICAL INDICATION FOR INVESTIGATION

☐ Acute Leukemia (AML/ALL)
☐ Lymphocytosis or LPD
☐ MDS/CMMML
☐ Cytopenias
☐ Plasma Cell Dyscrasia
☐ Other: ______________________________________

INVESTIGATION REQUIRED:

☐ Diagnostic  ☐ Staging or Follow-up

CURRENT THERAPY:

☐ Anti-CD20 (eg: Rituximab, Obinutuzumab)
☐ Anti-CD19 (eg: Blinatumomab, CD19-CAR-T cell)
☐ Anti-CD38 (eg: Daratumumab, Isatuximab)
☐ Other immune-targeted therapy: __________________________

SPECIMENS:

☐ Peripheral Blood 1 lavender top EDTA tube 
CBC & DIFF REQUIRED
☐ Bone Marrow Aspirate 1 lavender top EDTA tube
☐ CSF Sterile Container (no additive)
☐ Body Fluid or FNA Anatomic Site: Sterile Container (no additive)
☐ Excised LN or other Tissue Anatomic Site: Sterile Container (in sterile saline)

FLOW CYTOMETRY FOR IMMUNE STATUS

CELLULAR IMMUNODEFICIENCY SCREENING

Specimen: 1 lavender top EDTA tube 
CBC & DIFF REQUIRED

☐ TBNK Lymphocyte Subset Enumeration (includes CD4)
☐ PNH (Paroxysmal Nocturnal Hemoglobinuria)
Recent Transfusions: ____________________________

Immunosuppressive Drug Therapy Monitoring

Specimen: 1 lavender top EDTA tube 
CBC & DIFF REQUIRED

☐ Rituximab Therapy
☐ ATG/Anti-CD3 Therapy for Transplant
☐ Other Biologic Therapy: _______________________

FLOW CYTOMETRY SPECIALTY SEND OUT TESTING

☐ Pediatric MRD (London Health Sciences Centre)
☐ Other: MUST be authorized by Hematopathologist

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Specimen sent off site and requires overnight transport.
Must be received in lab by 1300hrs to meet transport schedule.
DO NOT collect on Fridays (or last day of week)

LABORATORY INFORMATION

Hours of Specimen Receipt: Monday to Thursday 0800-1600
Friday 0800-1300
Weekends & Statutory Holidays: Closed

Specimens received after 1300hrs on Friday may be rejected for testing unless pre-arranged with Hematopathologist

Revised Date: 2021.08.09