



Icahn
School of
Medicine at
Mount
Sinai

FLOW CYTOMETRY LEUKEMIA-LYMPHOMA REQUEST FORM

MSSH Flow Cytometry Laboratory | 1425 Madison Avenue | Icahn Building Room 856
NYC, NY, 10029 | Contact: 212-241-2042 | Fax: 212-659-8186

| | | | |
|---------------------------------|--------------------------------------|--|--------------------------------|
| Location Referring Sample/Case: | | | |
| <input type="checkbox"/> MSBI | <input type="checkbox"/> MSW | <input type="checkbox"/> MSB (Brooklyn) | <input type="checkbox"/> NYEEI |
| <input type="checkbox"/> MSDUS | <input type="checkbox"/> MSD-Chelsea | <input type="checkbox"/> MSSN (South Nassau) | |

| |
|---|
| <u>Contact Information (Referring Physician or Pathologist)</u> |
| Name: |
| Telephone: |

| |
|----------------------------|
| <u>Patient Information</u> |
| Name: |
| MRN: |
| DOB: |

SPECIMEN INFORMATION

Date of Collection: _____ Time of Collection: _____
Required by NYSDOH Required by NYSDOH

- Peripheral Blood: Green (Sodium Heparin) (48hr stability) Lavender or Pink (K₂EDTA) (24hr stability) Yellow (ACD) (48hr stability)
- Bone Marrow: Green (Sodium Heparin) (48hr stability) Lavender or Pink (K₂EDTA) (24hr stability) Yellow (ACD) (48hr stability)
- Tissue (fresh tissue suspended in tissue culture media e.g., RPMI 1640)
- Others _____

PATIENT CLINICAL HISTORY/DIAGNOSIS

FLOW CYTOMETRY PANELS REQUESTED

- Acute Leukemia (For: ALL, AML, CML, MDS, MPB, etc.)
- Lymphoma (For: Mature B cell neoplasms, Mature T- and/or NK- cell neoplasms, etc.)
- Myeloma
- Others (NK, T-cell subsets, CD38, CD56, CD57, LGL)

Comments: _____

Specimen Submission Instruction

Collection & Transportation:

- Whole Blood: Heparin, ACD or K2EDTA tubes. 2-5 mL whole blood recommended.
- Bone Marrow: Heparin, ACD or K2EDTA tubes. 1-5 mL bone marrow recommended.
* Minimum volume for whole blood and bone marrow is dependent on cellularity.
- Tissue: Fresh tissue suspended in tissue culture media (e.g., RPMI 1640). Tissue size is dependent on leukocyte cellularity.
- Fine needle aspirates and fluid: Fresh samples collected using heparinized syringes or containers. Volume is dependent on leukocyte cellularity.

Transport Temperature

Whole blood and bone marrow: Room temperature

Tissue and body fluids: Refrigerate (cold packs)

Samples should be sent to flow cytometry laboratory immediately upon collection. Samples brought to the laboratory during afterhours or on holidays should be placed on the storage bin in in the samples drop off refrigerator (there is a postage sign on the refrigerator).

Specimen Rejection Criteria

- Sample exceeds the sample stability criteria stated under the test description at receipt.
- Wrong type of collection tube, inappropriate anti-coagulant, fixatives used.
- Broken tube/Leaking specimen.
- Mismatched or missing labels.
- Improperly stored specimens (frozen).
- Hemolyzed or clotted specimens.
- Peripheral blood sample with viability less than 50%.