



## PERIPHERAL BLOOD FOR FLOW CYTOMETRY

### INDICATIONS:

Examination of peripheral blood for presence or absence of abnormal cells (e.g. leukemia and lymphoma) and/or evaluation of T cell subsets (T4/T8 ratio) in immunodeficiencies (e.g. HIV or AIDS) and/or quantitation of precursor CD34 positive cells.

### SPECIMEN:

Peripheral Blood

### SUPPLIES:

1. Sodium heparin (green top) or EDTA (lavender top) tube
2. Specimen requisition form
3. Biohazard bag for specimen transport

### PROCEDURE:

1. Using the standard sterile venipuncture technique, collect peripheral blood to fill a standard sodium heparin (green top) blood tube or EDTA (lavender top) blood tube. For pediatric patients, the smaller pediatric sized tubes are also acceptable.
2. Fill out the specimen requisition form and include the clinical diagnosis, specific tests requested (Leukemia/Lymphoma panel, Immune Deficiency Panel or Total CD34 count) and time and date of collection.
3. Submit to the Laboratory in a biohazard bag.

Complete test requisition including last and first name of patient, patient's date of birth and social security number, body site and source of specimen collected. Label specimen container (using the labels provided on the requisition) with patient's first name and last name, and body site/source. The container must have at least two (2) unique identifiers. Examples of unique identifiers: patient name, DOB, unique bar code, etc. Include pertinent clinical information, i.e., previous malignancy, radiation therapy, drugs, etc. Place container in a specimen bag