

SAMPLE FLOW CYTOMETRY REPORT

INTERPRETATION:

INSTITUTION #B05-XXXX

Bone marrow aspirate: Involvement by precursor B-lymphoblastic lymphoma/leukemia (see comments).

COMMENT

An abnormal B-lymphoblast population (colored light blue in histograms below) expressing low-intermediate CD19, very low-negative CD45, intermediate CD20, CD22, CD38, HLA-DR, and TdT, bright CD10, variable low CD34, and no surface light chains is identified. The leukemic blasts represent about 15% of the total leukocytes after lysis of the erythroid elements. This finding correlates with the presence of occasional blast-like cells seen on our stained smear of the specimen, although correlation with the bone marrow morphology at the referring institution is also recommended.

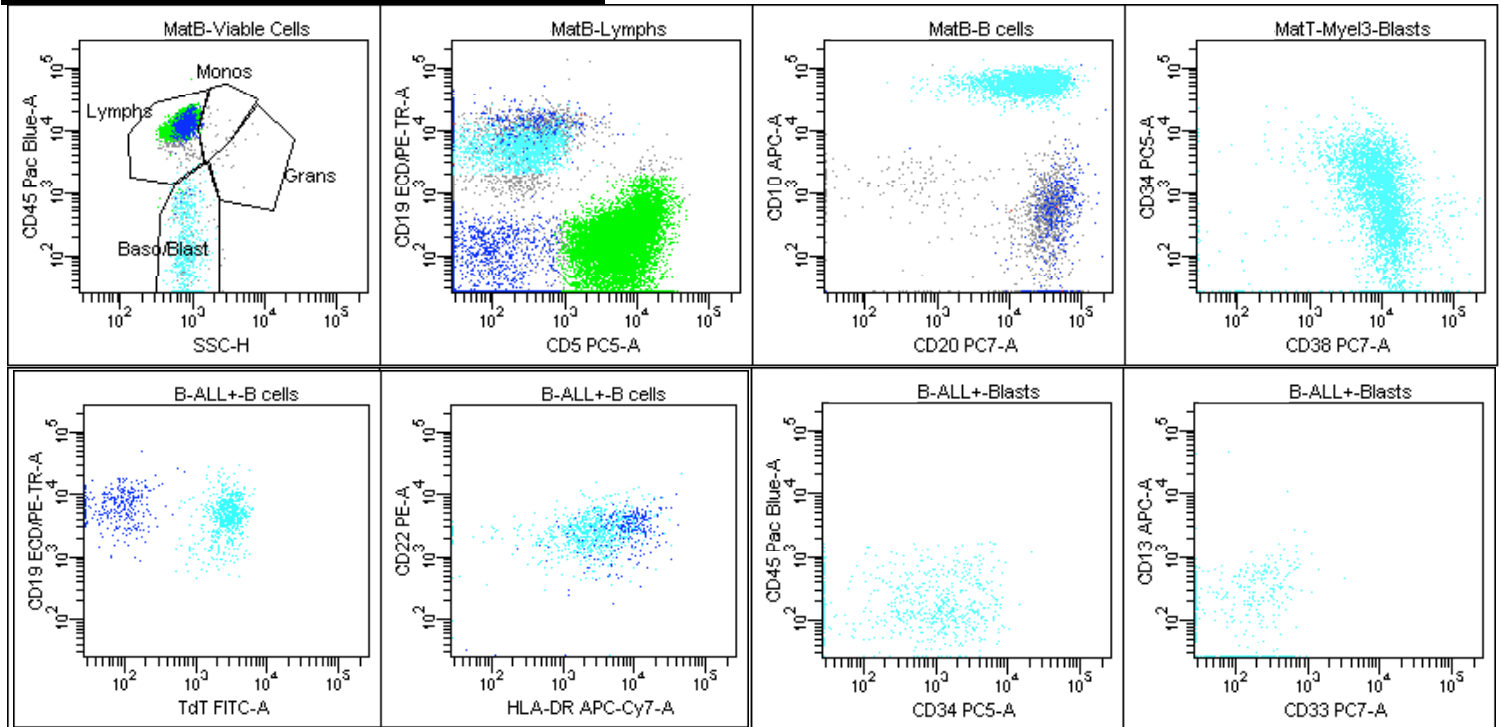
SPECIMEN INFORMATION:

A1 =B05-XXXX Bone marrow aspirate

RECEIVED FOR THE FOLLOWING:

Flow cytometry to rule out persistent pre-B-ALL.

RESULTS:



Immunophenotyping by flow cytometry after lysis of the erythroid cells reveals that the white blood cells consist of 84% lymphocytes, 0.8% monocytes, 0.4% maturing granulocytes, and 15% abnormal B-lymphoblasts. The mature lymphocytes consist of 7% B cells (CD19+), 70% T cells (CD3+), and 10% NK cells (CD3-, CD7+). The plasma cells represent 0.3% of the white blood cells.

ANTIBODIES USED: CD45, CD19, kappa, lambda, CD10, CD20, CD22, TdT, CD38, CD56, CD5, CD34, CD33, CD38, HLA-DR, CD13

*****ELECTRONICALLY SIGNED*****

Steven J. Kussick, M.D., Ph.D.

Hematopathologist

In compliance with CMS regulations, the pathologist's signature on this report indicates that the case has been personally reviewed, and the diagnosis made or confirmed by the Pathologist.