

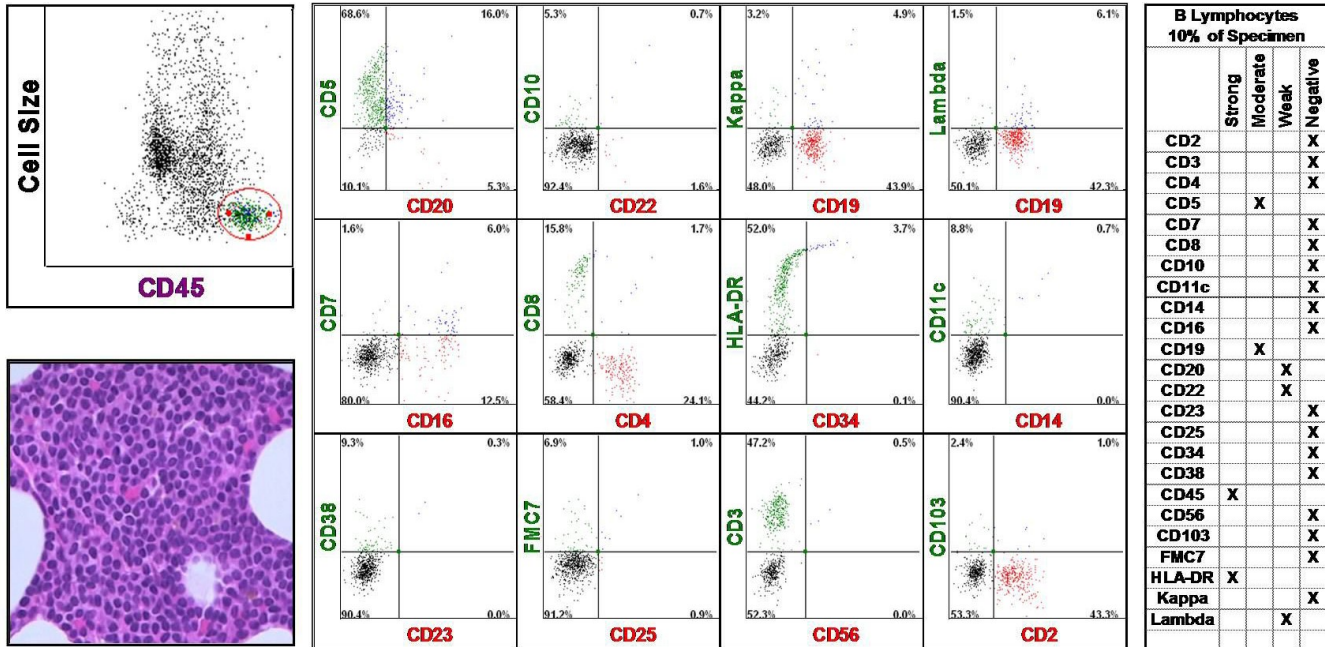
Name: Test, Patient

Ordering Physician: Richard J. Clatch, M.D., PhD.

DOB: 8/8/1980 Age: 28 Sex: M
 Office MRN: SSN: 111-22-3333
 Collected: 6/12/2009 Received: 6/12/2009 Reported: 00/00/00
 Case #: FC09-278 Patient ID: CPC-00001536

Client: Consolidated Pathology Consultants(CPC)
 28100 N. Ashley Circle, Suite 106
 Libertyville, IL 60048 (847) 996-1030
 Copy to:

Immunophenotyping Report



FINAL DIAGNOSIS

Bone marrow with approximately 10% involvement by a CD5+, lambda-restricted, clonal lymphoproliferative disorder (see interpretation).

INTERPRETATION

Immunophenotypic analysis shows that the bone marrow aspirate contains a mixed population of hematopoietic cells including mature and maturing myeloid, erythroid, and monocytic cells as well as approximately 20 % lymphocytes with a T : B cell ratio of approximately 1:1. The T cells are antigenically normal and have a Th : Ts ratio of approximately 1.5:1. The B cells are remarkable for strong expression of CD 45 and HLA-DR; moderate expression of CD5 and CD19; and weak expression of CD20, CD22, and lambda immunoglobulin light chains. The B cells do not appear to significantly express CD10, CD11c, CD23, CD 25, CD38, CD103, FMC7, or kappa light chains. All other cell populations appear antigenically normal and predominantly mature. No discordant expression of CD13-CD16 is seen. CD34-positive blasts comprise only less than 2% of all bone marrow non-erythroid cells. These immunophenotypic findings are diagnostic of a clonal B-lineage lymphoproliferative disorder involving the bone marrow at this time. The pattern of antigenicity suggests either mantle cell lymphoma or atypical chronic lymphocytic leukemia / small lymphocytic lymphoma as differential diagnostic possibilities.

Richard J. Clatch, M.D., PhD. Electronically Signed 6/12/2009

Clinical, cytologic, and/or histopathologic information is necessary for proper interpretations of these results. This test was developed and its performance characteristics determined by Dr. Richard Clatch. This test has not been cleared or approved by the US FDA, as the FDA has determined that such clearance or approval is unnecessary.

SPECIMEN SITE(S): Bone marrow
 CLINICAL HISTORY: ICD-9: 205.10, 204.10
 CPT Codes: None
 ICD9 Codes: 185