

SOURCE OF TISSUE:
BLOOD

CLINICAL HISTORY:
Rule out lymphoma

GROSS:
The specimen consists of peripheral blood.

MICROSCOPIC:
Morphology: Cytospin shows mainly neutrophils and some admixed small lymphocytes.

Immunophenotype
Specimen type Blood
Population analyzed B and T-cells

B-cell Antigens		T/NK Antigens	
CD19	*	CD3	*
CD20	*	CD4	*
CD22	*	CD5	*
CD23	*	CD8	*
Kappa	*	CD56	*
Lambda	*		
Other Antigens			
CD10	*		
CD11c	*		
CD38	*		
CD103	*		

Key: s = surface, c = cytoplasmic
+ = positive, W = weak positive, P = partial positive, 0 = negative, ND
= not done, * = see comments.

Comments:
The blood contains mainly polytypic T-cells outnumber B-cells, the ratio of CD4 to CD8 is about 2:1. Some true NK cells (CD3-CD56+) are also seen, making up about 10% of all cells. Some of them are CD8 positive. These could be reactive or represent a lymphoproliferative disorder.

Analyte Specific reagents (ASR's) are used in some flow cytometry test procedures necessary for standard medical care. This test was developed and its performance characteristics determined by UWHC Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary.

FINAL DIAGNOSIS:
Peripheral Blood:
Predominantly polytypic T-cells, some NK cells and a few polyclonal