

Patient: [REDACTED]  
DOB: [REDACTED] Age: [REDACTED] Gender: [REDACTED]  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002290  
Collection Date: 11/23/2016  
Received in lab: 11/29/2016  
Completion Date: 12/04/2016

**Interpretation**

-----  
Specimen received

Specimen type: Peripheral Blood  
Reason for referral: Low Grade B-cell Lymphoma  
Test performed: Chromosome Analysis

Laboratory analysis

Number of cells counted: 20  
Number of cells analyzed: 20  
Number of cells karyotyped: 20  
ISCN Band level: 400  
Banding Method: G-Banding

-----  
Chromosome results:  
46,XX,add(1)(p34),del(3)(p13),add(5)(p15),add(9)(q34),  
add(10)(q24),-13,add(16)(p11.1),+mar[3]/46,XX[17]  
-----

Diagnostic Impression:  
Two cell lines were detected in multiple cultures from this patient. One cell line showed the following clonal abnormalities in 3/20 (15%) cells:

- additional material on the short arms of chromosomes 1, 5, and 16, and on the long arms of chromosomes 9 and 10;
- a deletion in the short arm of chromosomes 3;
- loss of chromosome 13;
- and a marker chromosome.

The remaining 17/20 (85%) cells showed a normal normal chromosome complement.

Although these abnormalities are not specific recurrent rearrangements, some of the abnormalities (for chromosomes 1p, 10q, and 13) have been reported in B-cell lymphoproliferative disorders. In addition, these complex and clonal changes were found exclusively in the B- and T-cell stimulated culture, suggesting a lymphoproliferative disorder. Please correlate these results with clinical and other laboratory findings in this patient.

This result has been reviewed and approved by [REDACTED],  
Ph.D., FACMG  
Electronic Signature

Test developed and characteristics determined by ARUP Laboratories. See Compliance



Patient: [REDACTED]  
ARUP Accession: 16-328-135416

# Chromosome Analysis, Leukemic Blood

---

Patient: [REDACTED] | Date of Birth: [REDACTED] | Gender: [REDACTED] | Physician: [REDACTED]  
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

Statement A: aruplab.com/CS

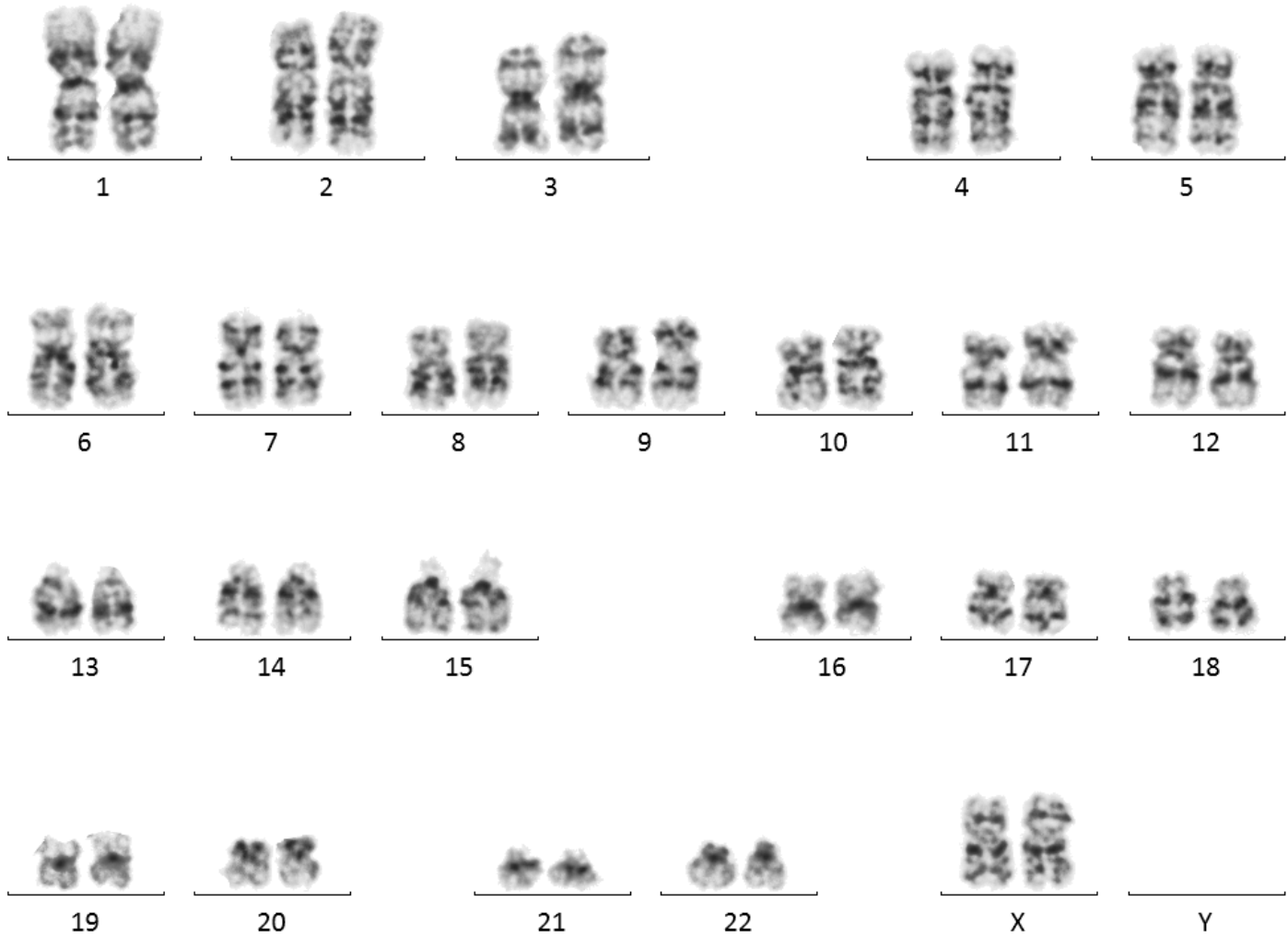


Patient: [REDACTED]  
ARUP Accession: 16-328-135416

# Chromosome Analysis, Leukemic Blood

Patient: [redacted] | Date of Birth: [redacted] | Gender: [redacted] | Physician: [redacted]  
Patient Identifiers: [redacted] | Visit Number (FIN): [redacted]

Slide ID:



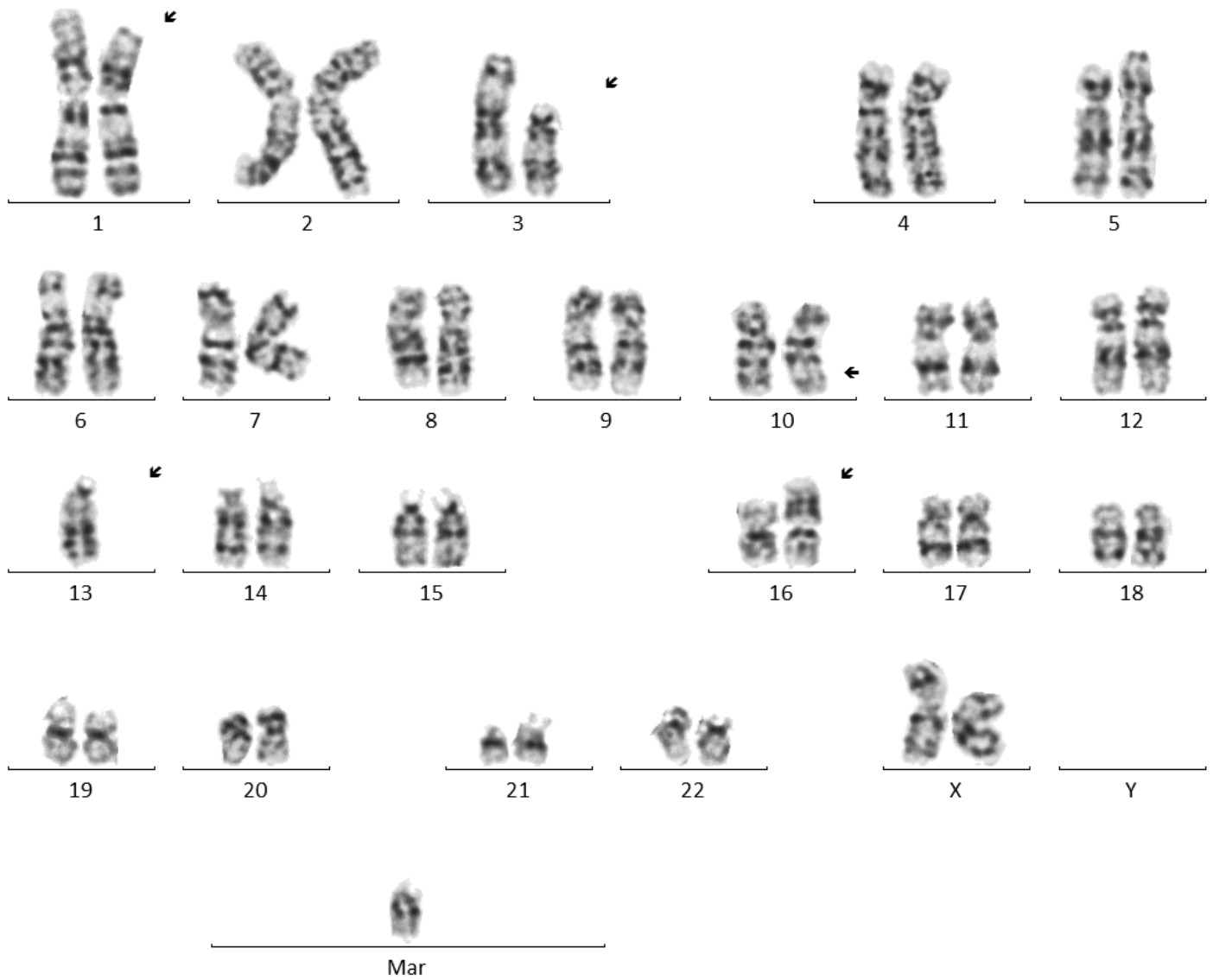
Slide ID: 0015



Patient: [redacted]  
ARUP Accession: 16-328-135416

# Chromosome Analysis, Leukemic Blood

Patient: [redacted] | Date of Birth: [redacted] | Gender: [redacted] | Physician: [redacted]  
Patient Identifiers: [redacted] | Visit Number (FIN): [redacted]



Patient: [redacted]  
ARUP Accession: 16-328-135416