

CYTOGENETIC ANALYSIS REPORT

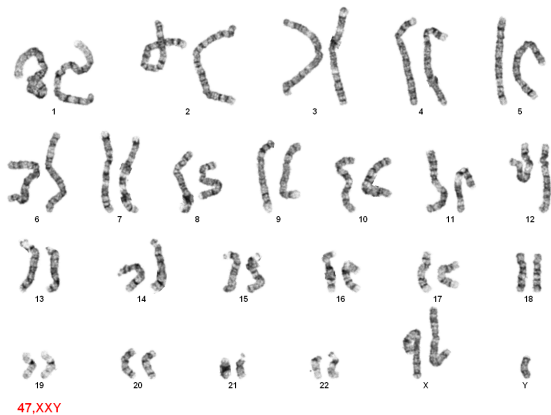
Patient Name: SAMPLE, JOHN	Cytogenetics Number: PB-XXXX
Date of Birth: 01/01/1981	Cust. Specimen ID: XXXXX
Sex: Male	Collection Date: 02/06/2016
Sample Type: PERIPHERAL BLOOD	Received Date: 02/06/2016
Physician: JANE DOCTOR, M.D.	Reported Date: 02/11/2016
Clinical Data: SUSPECTED KLINEFELTER'S SYNDROME	

ABNORMAL RESULTS: 47,XXY

INTERPRETATION: G-banded chromosome analysis of metaphase cells shows a male karyotype with 47 chromosomes due to the presence of three sex chromosomes: two X chromosomes and one Y chromosome. This result is consistent with Klinefelter syndrome. Genetic counseling is recommended to discuss the implications of these results.

CPT codes: 88230, 88262, 88280, 88289, 88291

Metaphases Counted: 20	Banding Technique: G-BANDS
Metaphases Analyzed: 4	Banding Level: 550-600
Metaphases Karyotyped: 3	Cultures Established: 3
Metaphases Scored: 20	
for: X's and Y's	



We will exercise our best efforts to accurately analyze the chromosome karyotypes of this specimen. However, the level of resolution in this G-banded analysis does not exclude the presence of small structural abnormalities.

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