

## CYTOGENETIC ANALYSIS REPORT

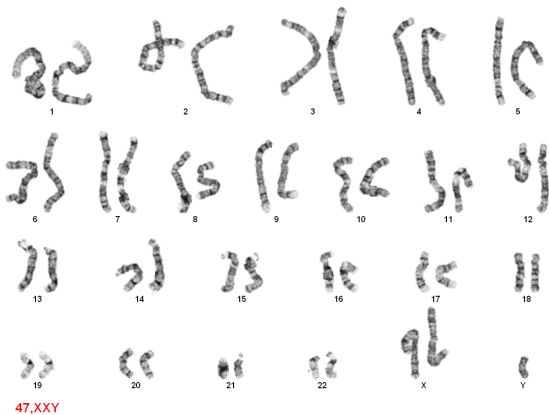
<b>Patient Name:</b>	SAMPLE, JOHN	<b>Cytogenetics Number:</b>	PB-XXXX
<b>Date of Birth:</b>	01/01/1981	<b>Cust. Specimen ID:</b>	XXXXX
<b>Sex:</b>	Male	<b>Collection Date:</b>	02/06/2016
<b>Sample Type:</b>	PERIPHERAL BLOOD	<b>Received Date:</b>	02/06/2016
<b>Physician:</b>	JANE DOCTOR, M.D.	<b>Reported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