3. KARYOTYPE SCREEN REPORT

REPORT WITH SUMMARY OF CHROMOSOME COUNTS & KARYOTYPE OF FIVE METAPHASE CELLS

CYTOGENOMIC SERVICES RESEARCH REPORT
The Centre for Applied Genomics
The Hospital for Sick Children
14-604 MaRS East Tower
101 College Street, Toronto ON M5G 1L7

Sample ID: SAMPLE_NAME_DATE

HUMAN CELL LINE G-BAND KARYOTYPING SCREEN
SAMPLE ID: Sample_name

REPORT SERIAL NUMBER:
DATE:
PROJECT:
USER/PI:

LIMS SAMPLE_ID:
Technologist:

Sample Number:
Sample Type:
Date Received:
Number of Plates Received:

Harvest Particulars:
Date Harvested:
Colcemid concentration:
Colcemid exposure time:
Hypotonic KCl exposure time:

G-band Staining Particulars:
Slide Aging:
Concentration of Pancreatin:
Time in Pancreatin:

G-band Preliminary Scoring Summary:

Number of cells counted	Chromosome modal number	Number of cells karyotyped	Number of atypical cells	Number clona
5		5	5	

Details of Above Karyotype Analysis:

Number of cells	Chromosome count	Karyotype	Commen

*Clonal abnormalities are highlighted.

Banding resolution:

KARYOTYPE:
Comments:

Representative images attached:
1)
2)
3)

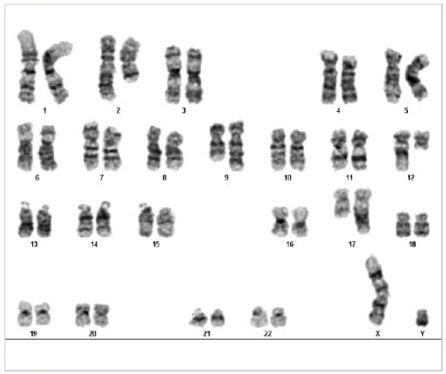
AND REPRESENTATIVE IMAGES

Cytogenomic Services TCAG The Hospital for Sick Children

Case: SAMPLE_NAME_DATE

PI / ID *Name / Name*

Preparation Date: 09-Jun-11 *Technician: RW*



Cell Results:

Cell Notes:

Label - Slide/Cell 501-02 *X , Y:* *Report Date: 19-Jul-11*

NOTE: This option is only available if a clonal chromosome abnormality (or if unexpected sex chromosome complement) is found in all of the first five metaphase cells analyzed from one cell line sample. In these instances, analysis is halted and a report is generated based on the analysis of the five metaphase cells (5 metaphases counted, 5 metaphases karyotyped). This option has a faster turnaround time and lower cost of $350/sample.

This option is not applicable when a cell sample has normal cells in all of the first five cells analyzed, or if the chromosome abnormality found in the first five cells analyzed is not clonal (e.g. only one cell is found with the abnormality). In these instances, a complete analysis which includes counting/scoring/analysis of 20 cells will be carried out to rule out low level mosaicism, and the standard cost will be applied.