

KromaTiD Case: Jax G-banding_S010805

Project Quote#: 200401

Specimen: iPSC

LIMS ID: S010805

Received Date: 9/8/2022

Customer Sample ID: 28R_A12

Completed Date: 11/30/2022

Gender: Male

Band Resolution: 400

Total Counted: 20

Total Analyzed: 20

Final Karyotype: 46,XY[20]

Case Notes: G-banded chromosome analysis of metaphase cells designated 28R_A12 (KromaTiD Sample ID S010805) shows a normal male karyotype.

The other abnormalities/aberrations detected were non-clonal and were designated as low-level mosaicism or random gain/loss.

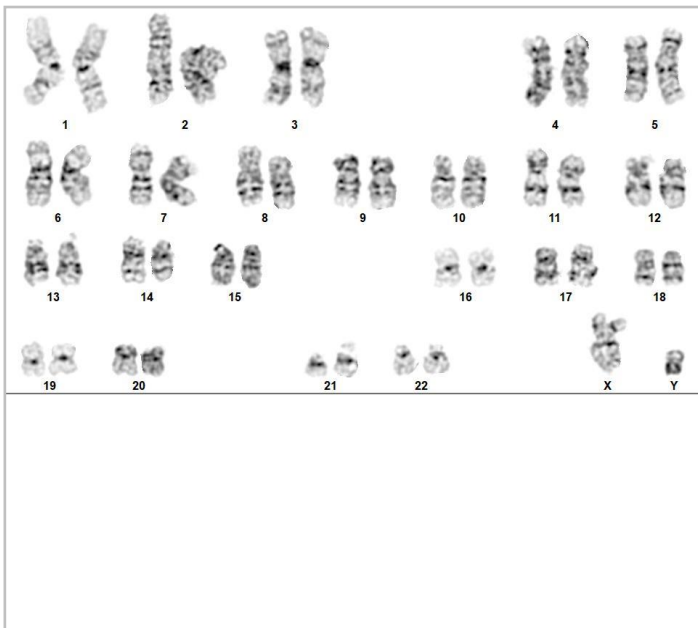
Karyotype Summary:

Karyotype:	# Cells
45,XY,-16	1
46,XY	17
46,XY,?del(13)(q31)	1
46,XY,chrB(1q)	1

Cells Images:

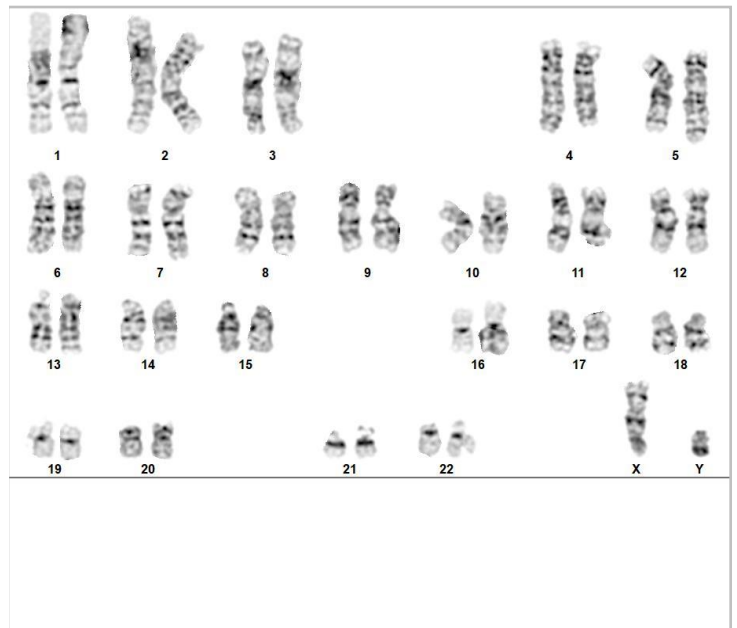
Karyotyped: 46,XY

2-34



Karyotyped: 46,XY

2-42



Limitations: This assay allows for microscopic visualization of numerical and structural chromosome abnormalities. The size of structural abnormality that can be detected is >3-10Mb, dependent upon the G-band resolution obtained from this specimen. For the purposes of this report, band level is defined as the number of G-bands per haploid genome. Detection of heterogeneity of clonal cell populations in this specimen is limited by the number of metaphase cells analyzed, documented above as "number of cells counted". Results are for Research Use Only and should not be used for clinical purposes.

Completed By/Date:
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Cytogenetics Supervisor

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Michael Vernich 11/30/2022
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Approved By/Date:
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