

KromaTiD Case: Jax G-banding_S010809

Project Quote#: 200401
LIMS ID: S010809
Customer Sample ID: 65R_A3
Gender: Male
Total Counted: 20
Total Analyzed: 20
Final Karyotype: 46,XY[20]

Specimen: iPSC
Received Date: 9/8/2022
Completed Date: 11/28/2022
Band Resolution: 400

Case Notes: G-banded chromosome analysis of metaphase cells designated 65R_A3 (KromaTiD Sample ID S010809) shows a normal male karyotype. The other abnormalities/aberrations detected were non-clonal and were designated as low-level mosaicism or random gain/loss.

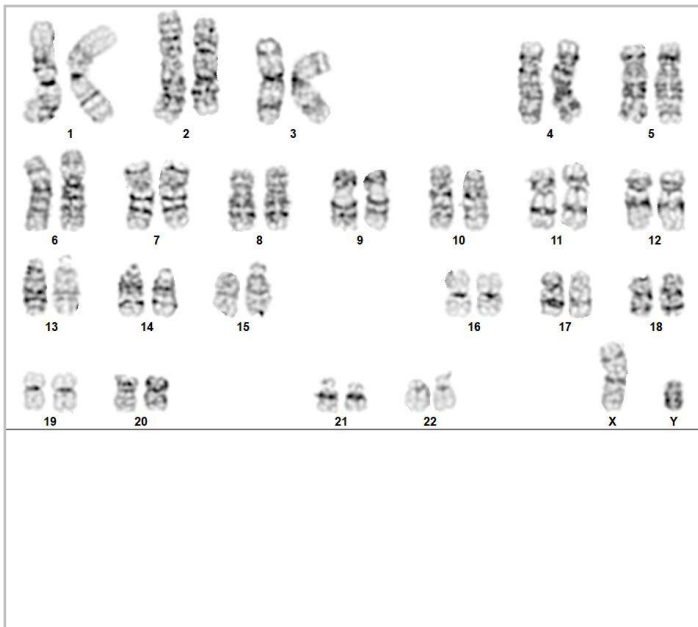
Karyotype Summary:

| Karyotype: | # Cells |
|-------------------|---------|
| 46,XY | 18 |
| 46,XY,chr3(3p) | 1 |
| 46,XY,del(1)(q32) | 1 |

Cells Images:

Karyotyped: 46,XY

1-5



Karyotyped: 46,XY

1-28



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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