Chromosome Analysis Report: 111111

Technology specifies what assay was performed

Date Reported: September 18, 2025
Cell Line: Sample Report
Submitted Passage #: 23
Date of Sample: 9/16/2025
Specimen: Human ESC

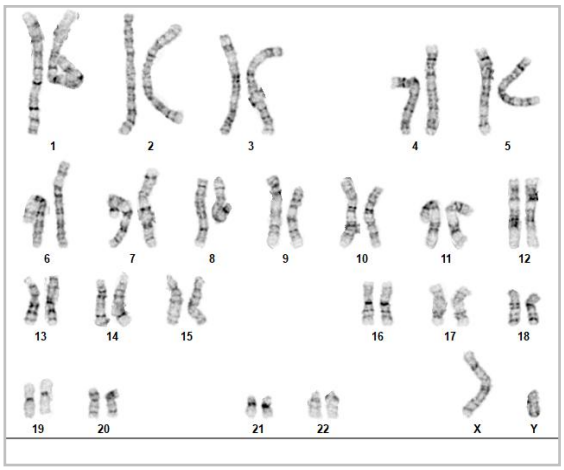
Technology: Karyotype by GTL Banding
Cell Line Sex: Male
Harvest Date: 9/16/2025

Harvest Date has been added

Reason for Testing: LOT_RELEASE
Investigator: WiCell Stem Cell Bank, WiCell
Process Description #: WIC001

Process Description: WiCell works with client to determine their specific analysis requirements. This number connects those requirements to this final report and can be used for multiple samples or assays.

Results: 46,XY



Cell: 3
Slide: G02
Slide Type: Karyotype

Total Counted: 20
Total Analyzed: 8
Total Karyogrammed: 4
Band Resolution: 450 - 500

Interpretation:

This is a normal karyotype; no clonal abnormalities were detected at the stated band level of resolution.

Case #: 111111 **Cell Line:**

Deviation: No deviations occurred.

Description of any deviations, if applicable.

Completed by: Technologist Name

The name of the technologist that performed the QC review of the case.

Director Review:

DocuSign signature of American Board of Medical Genetics and Genomics (ABMGG) board certified board-eligible director

Report Review:

DocuSign signature of certified technologist that reviewed the accuracy of the analysis, results, and report

QA Review:

DocuSign signature of QA member that reviewed the accuracy of the report

For internal use only

Date:_____ **Sent By:**____ **Sent To:**_____

Compliance statement

This assay was completed in compliance with the U.S. FDA Current Good Manufacturing Practice for Finished Pharmaceuticals (21 CFR part 211) and the EU Good Manufacturing Practice guidelines (EC EudraLex Volume 4) where applicable.

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. It is documented here as "band level", i.e., the range of bands determined from the four karyograms in this assay. Detection of heterogeneity of clonal cell populations in this specimen (i.e.,mosaicism) is limited by the number of metaphase cells examined, documented here as "# of cells counted".