



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

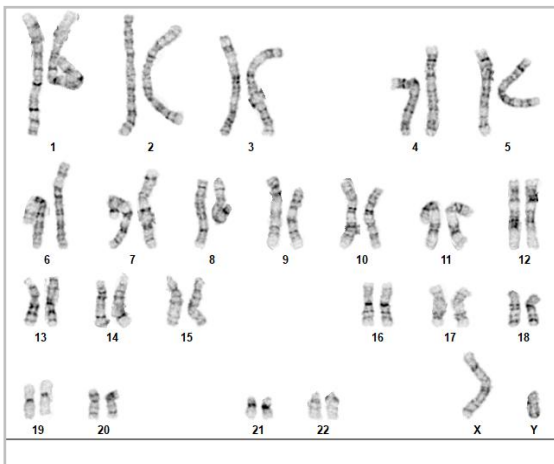
Reason for Testing: LOT_RELEASE

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

Results: 47,XY,+10[3]/46,XY[17]



Cell: 3

Slide: G02

Slide Type: Karyotype

Total Counted: 20

Total Analyzed: 8

Total Karyogrammed: 4

Band Resolution: 450 - 500

Interpretation:

This is an abnormal karyotype. An extra copy of chromosome 10 (trisomy 10) is present in three of twenty cells examined. No other 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".

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