



Thaw and Culture Details

Cell Line Name	WA01
WiCell Lot Number	WB34444
Provider	University of Wisconsin – Laboratory of Dr. James Thomson
Banked By	WiCell
Thaw and Culture Recommendations	WiCell recommends thawing 1 vial into 3 wells of a 6 well plate.
Culture Platform	Feeder Independent
	Medium: mTeSR™1
	Matrix: Matrigel®
Protocol	WiCell Feeder Independent mTeSR™1 Protocol
Passage Number	p30 These cells were cultured for 29 passages prior to freeze, 7 of them in mTeSR™1/ Matrigel®. WiCell adds +1 to the passage number to best represent the overall passage number of the cells at thaw.
Date Vialled	19-May-2016
Vial Label	WA01 p30 WB34444
Biosafety and Use Information	Appropriate biosafety precautions should be followed when working with these cells. The end user is responsible for ensuring that the cells are handled and stored in an appropriate manner. WiCell is not responsible for damages or injuries that may result from the use of these cells. Cells distributed by WiCell are intended for research purposes only and are not intended for use in humans.

Testing Performed by WiCell

Test Description	Test Provider	Test Method	Test Specification	Result
Post-Thaw Viable Cell Recovery	WiCell	SOP-CH-305	≥ 15 Undifferentiated Colonies, ≤ 30% Differentiation and recoverable attachment after passage	Pass
Identity by STR	UW Translational Research Initiatives in Pathology Laboratory	PowerPlex 16 HS System by Promega	Consistent with known profile	Pass
Sterility	Biotest Laboratories	ST/07	Negative	Pass
Mycoplasma	WiCell	SOP-QU-004	Negative	Pass
Karyotype by G-banding	WiCell	SOP-CH-003	Expected karyotype	Pass

Approval Date	Quality Assurance Approval
16-August-2016	<div style="text-align: right;"> <small>8/16/2016</small> X JKG <small>WJG Quality Assurance Signed by Gay Imms</small> </div>



Chromosome Analysis Report: 036175

Date Reported: Monday, June 06, 2016

Cell Line: WA01-WB34444 11692

Passage#: 30

Date of Sample: 6/3/2016

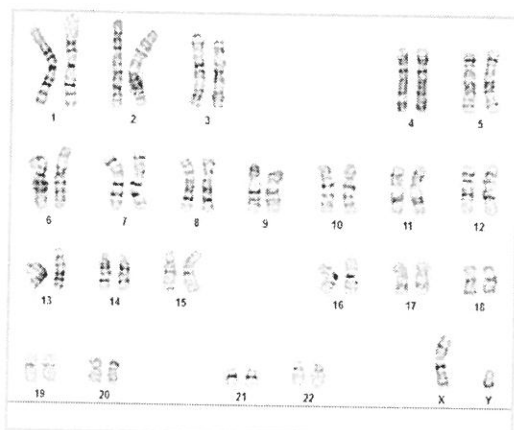
Specimen: hESC

Results: 46,XY

Cell Line Gender: Male

Reason for Testing: Lot release testing

Investigator: Steve Schreiber, WiCell CDM



Cell: 51

Slide: 1

Slide Type: Karyotype

Total Counted: 20

Total Analyzed: 8

Total Karyogrammed: 4

Band Resolution: 475 - 550

Interpretation:

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

Completed by: Kim Leonhard, CG(ASCP)

Reviewed and Interpreted by: Julie Leana Cox, PhD, FACMG

A signed copy of this report is available upon request.

Date: _____ Sent By: _____ Sent To: _____ QC Review By: _____

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".

This assay was conducted solely for listed investigator/institution. The results may not be relied upon by any other party without the prior written consent of the Director of the WiCell Cytogenetics Laboratory. The results of this assay are for research use only. If the results of this assay are to be used for any other purpose, contact the Director of the WiCell Cytogenetics Laboratory.

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