

Cell Line Characteristics

This table contains general information regarding the cell line.

Cell Line Name	MIN20i-34363.A
Cell Line Alias	MIN34363 A
Cell Type	Induced Pluripotent Stem Cell
Disease	X-Linked Dystonia Parkinsonism
Phenotype	Affected
Sex	Male
Age at Collection	57 years
Reprogramming Method	Sendai Virus
Tissue Origin	Skin Fibroblast
Provider	Massachusetts General Hospital

Lot Specific Information

The following culture information is for the specified lot.

WiCell Lot Number	WB20384
Banked By	WiCell
Thaw Recommendation	WiCell recommends thawing 1 vial into 3 wells of a 6 well plate.
Culture Platform	Feeder Independent
	Medium: mTeSR1
	Matrix: Matrigel
Protocol	WiCell Feeder Independent mTeSR1 Protocol
Passage Number	p12 These cells were cultured for 11 passages prior to freeze. WiCell adds +1 to the passage number at freeze so that the number on the vial best represents the overall passage number of the cells at thaw.
Date Vialled	19-June-2015
Vial Label	MIN20i-34363.A p12 WB20384
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.



Cell Line Information and Testing – Material Produced by Provider

Testing Reported by Provider

Test Description & Method	Result
Genetic Analysis by Karyotype	Normal
Embryoid Body Formation	RT(q)PCR (Brachyury, GATA2 - Meso; AFP, Sox17 - Endo; Pax6, MAP2 - Ectoderm)
Pluripotency Markers; AP, Oct4, Nanog, SSEA-3, SSEA-4, TRA1-60	All Markers Expressed

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	Defines STR profile of deposited cell line	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

Date Available	Quality Assurance Approval
09-October-2015	<small>1/24/2020</small> X HEB _____ <small>HEB Quality Assurance</small>