



Thaw and Culture Details

Cell Line Name	HVRDi001-A
WiCell Lot Number	DB46570
Provider	Brigham & Women's Hospital – Dr. Tracy Young-Pearse
Banked By	Brigham & Women's Hospital – Dr. Tracy Young-Pearse
Thaw and Culture Recommendations	The Provider recommends thawing 1 vial into 1 well of a 6 well plate. The Provider recommends thawing using ROCK Inhibitor for best results.
Culture Platform	Feeder Dependent
	Medium: iPS Medium (similar to WiCell cKOSR Medium)
	Matrix: MEF
Protocol	WiCell Feeder Dependent Protocol
Passage Number	p21 These cells were cultured for 20 passages after colony picking. The provider adds +1 to the passage number to best represent the overall passage number of the cells at thaw.
Date Vialied	05-February-2016
Vial Label	PAD2A P21 2/5/16
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 Reported by Provider

The Provider stated that some or all of the additional analyses listed below may have been performed for this cell line. For more information, publication and dbGaP links, where available, are provided on the cell line specific web page on the WiCell website.

- Expression of MAP2, Tau and TuJ1, markers of upper (Cux1) and lower (Tbr1) layer cortical neurons and synaptic markers synaptophysin (SYP), PSD95 and VGLUT1 by immunostaining
- Embryoid body formation and in vitro differentiation to ectodermal, mesodermal, and endodermal lineage

Test Description	Method	Result
Genetic Analysis	G-Band Karyotype	Balanced t(1;12)(q42.1;q15) translocation in all cells

Please note: Prior to shipment of these cells, WiCell will perform the following characterization assays: post-thaw viable recovery, identity by STR, sterility, mycoplasma, and karyotype.

Approval Date	Quality Assurance Approval
22-September-2016	<div style="text-align: right;">9/22/2016</div>  <small>AMK Quality Assurance Signed by Klade, Anjelica</small>