



FUJIFILM Cellular Dynamics, Inc.  
525 Science Drive  
Madison, WI 53711 USA

Toll Free in US (877) 320-6688 / (608) 310-5100 **T**  
(608) 310-5101 **F**  
fcdi-support@fujifilm.com **E**  
www.fujifilmcdi.com **W**

## **Biosafety Documentation:** ***iCell® Brain Microvascular Endothelial Cells (BMEC)***

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<b>Donor ID</b>	01279	<b>Cell Line ID</b>	01279.107
<b>Donor Sex</b>	Male	<b>Phenotype</b>	Apparently Healthy Normal
<b>Starting Material</b>	Blood	<b>Catalog #</b>	C1239
<b>Age at Collection</b>	50 – 59 years		
<b>Race</b>	Caucasian		
<b>Ethnicity</b>	Unknown		

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### **Cell Source and Biosafety Level Classification**

iCell® products are human cells differentiated from a master bank of stably induced pluripotent stem (iPS) cells. FUJIFILM Cellular Dynamics, Inc. (FCDI), classifies these cells as Biosafety Level 1 (BSL1) based on the United States Centers for Disease Control and Prevention publication: *Biosafety in Microbiological and Biomedical Laboratories*. Handle the cells according to the biosafety guidelines applicable in your region.

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### **Reprogramming**

The iPS cell line was generated from human peripheral blood through ectopic expression of reprogramming factors by episomal transfection.

Polymerase chain reaction analysis did not detect episomal plasmids in the iPS cell line.

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### **Infectious Disease Testing**

The incoming peripheral blood was tested and non-reactive for HBV, HCV, HIV-1, and HIV-2.