

## Certificate of Analysis

<b>Product Description</b>	AccuCell® Celiac Disease, Human Peripheral Blood Mononuclear Cells (PBMCs), 10 million cells
<b>Product Number</b>	94114-10M
<b>Lot Number</b>	2010113244
<b>Storage Temperature</b>	≤ -150°C, Vapor Phase Liquid Nitrogen
<b>Cryopreservative</b>	DMSO
<b>Vial Fill Volume</b>	1.5 mL
<b>Manufacture Date</b>	29-OCT-2015
<b>Intended Use</b>	For Research Use Only. Not for Use in Diagnostic or Therapeutic Procedures.
<b>Caution</b>	Use Universal Precautions for handling AccuCell® Cellular Products and other human specimens. Do not pipette by mouth. Avoid direct inhalation of the solution and use with adequate ventilation. Do not smoke, eat, or drink, in areas where specimens are being handled. Dispose of this product as appropriate for biohazardous material.

PARAMETER	SPECIFICATION	RESULT
<b>Viable Cell Count Per Vial Post-Thaw/Post-Wash*</b>	≥ 1.0e7 viable cells	1.4e7 viable cells
<b>Cell Viability Post-Thaw/Post-Wash*</b> Viability based on assessment using propidium iodide.	≥ 70%	96%
<b>Donor Current Medications</b>	Any	Wellbutrin XL, Tiroint, Testosterone, DHEA, Vitamin D, Estrace, Potassium, Magnesium, Progesterone, HRT Hormone Replacement Therapy
<b>Donor Age</b>	18-75 years	55 years
<b>Donor Height</b>	centimeters	155 cm
<b>Donor Weight</b>	kilograms	66 kg
<b>Donor Gender</b>	Male/Female	Female
<b>Donor Ethnicity</b>	Any	Caucasian
<b>Date of Diagnosis</b>	Any	28-JAN-2014
<b>Anticoagulant</b>	ACD, Citrate, CPD, CPDA, CPDA-1, CPDA-2, or Na-Hep	CPDA-1

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PARAMETER	SPECIFICATION	RESULT
<b>HIV-1**</b>	Negative	Negative
<b>HIV-2**</b>	Negative	Negative
<b>HBV**</b>	Negative	Negative
<b>HCV**</b>	Negative	Negative

\* Typical lot release data stated in COA for total viable cells and viability % are based on the thawing procedure described in the Package Insert.

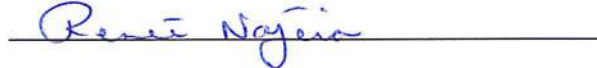
\*\* The donor unit used for preparation of this product was screened for the listed viruses.

**Prepared by:**



**Date:** 01/03/2017

**QA Review by:**



**Date:** 03 Jan 2017