

## Certificate of Analysis

Cell count	61 million per vial
Viability	97%
CD3+	49.5%
CD19+	12.8%
CD14+	19.1%
CD11c+	26.4%
CD16+	6.9%
CD56+	6.0%
Sterility	Negative for Bacteria, Yeast, and Fungi

### *Donor Information*

Donor ID	497
Age	72
Race	Caucasian
Gender	Female
Height	5' 2"
Weight	169 lbs
ABO Type	O Positive

### *HLA typing*

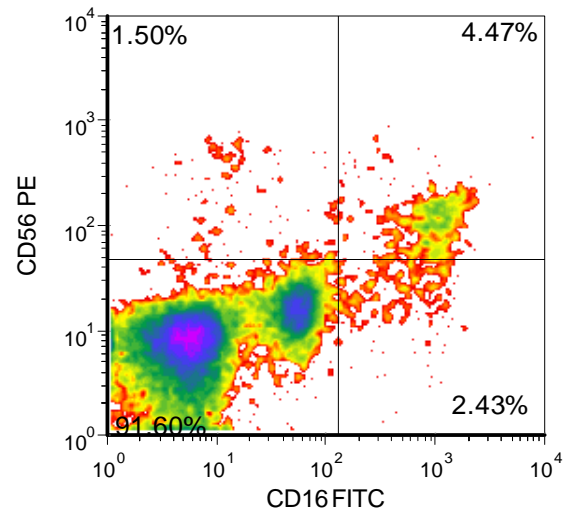
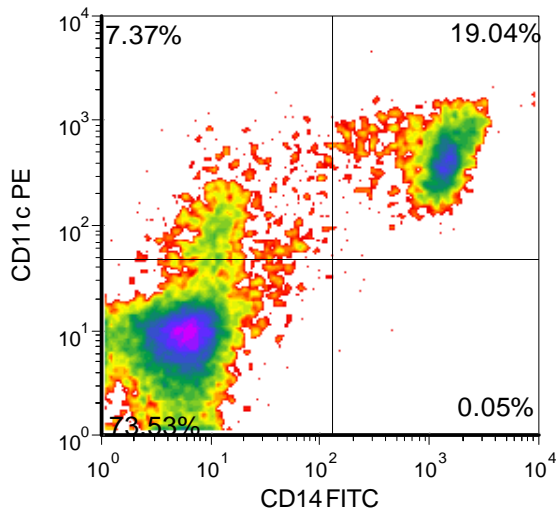
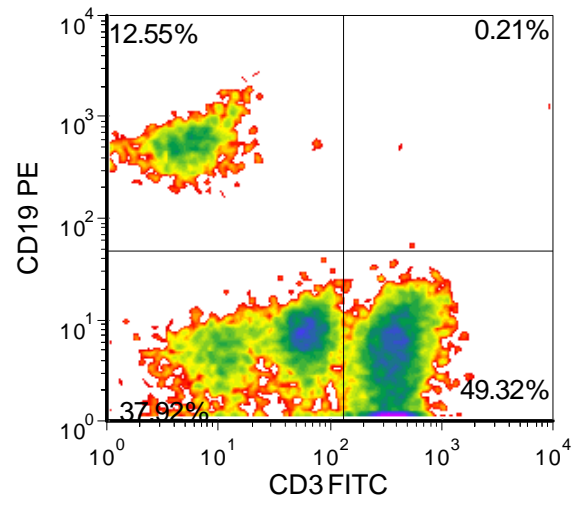
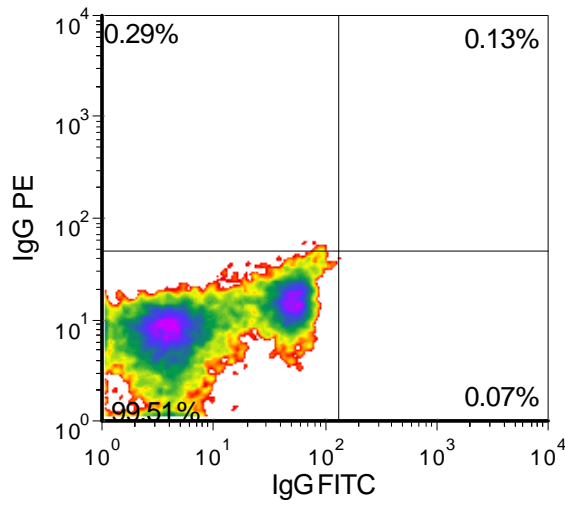
	Allele 1	Allele 2
HLA-A	01:01	02:01
HLA-B	08:01	15:01
HLA-C	03:03	07:01
HLA-DRB1	03:01	09:01

**Note: Patients Medications Listed Below:**

Levothyroxine, Fluoxetine, Lisinopril, Duloxetine, Atorvastatin, Omeprazole, Novolog insulin, Aspirin

Donors are tested for the blood borne pathogens HIV-1 and 2, Hepatitis B, Hepatitis C and HTLV-1 and are negative. Cells should still be handled as if potentially infectious following biosafety level 2 procedures

**FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE**



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**Type 1 Diabetic Peripheral Blood Mononuclear Cells**  
**Catalog Number: 1132**  
**Lot Number: 4559JA20**

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***Lot Specific Recall Antigen Response***

	<b>Interferon gamma</b>	<b>TNF alpha</b>
<b>Media Control</b>	0	0
<b>Tetanus Toxoid</b>	428	9
<b>PHA</b>	161309	694
<b>LPS</b>	5568	315
<b>Cytomegalovirus</b>	0	0

Values are pg/mL of culture medium collected 4 days after stimulation with antigen or mitogen

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