Peripheral Blood Mononuclear Cells
Catalog Number: 1007
Lot Number: 4473OC19

Certificate of Analysis

Cell count 9.3 million per vial
Viability 99%
CD3+ 36.9%
CD19+ 23.3%
CD14+ 13.1%
CD11c+ 28.1%
CD16+ 14.6%
CD56+ 14.6%
Sterility Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID 369
Age 49
Ethnicity Hispanic
Gender Male
Height 5' 3"
Weight 240 lbs.
ABO Type B Positive

HLA typing

<table>
<thead>
<tr>
<th>Allele 1</th>
<th>Allele 2</th>
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<tbody>
<tr>
<td>HLA-A</td>
<td>24</td>
</tr>
<tr>
<td>HLA-B</td>
<td>35</td>
</tr>
<tr>
<td>HLA-C</td>
<td>04</td>
</tr>
<tr>
<td>HLA-DRB1</td>
<td>04</td>
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</tbody>
</table>

Note: Donor is healthy. He has seasonal allergies and is allergic to cats and dogs. He is taking metformin and is CMV positive. His Fc gamma RIIa genotype is F/V.

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
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**IgG FITC**

- IgG PE: 0.26% 0.04%
- IgG FITC: 99.70% 0.00%

**CD3 FITC**

- CD3 PE: 22.94% 0.34%
- CD3 FITC: 40.20% 36.53%

**CD14 FITC**

- CD14 PE: 15.45% 12.65%
- CD14 FITC: 71.49% 0.42%

**CD16 FITC**

- CD16 PE: 4.67% 9.91%
- CD16 FITC: 80.74% 4.68%
Lot Specific Recall Antigen Response

<table>
<thead>
<tr>
<th></th>
<th>Interferon gamma</th>
<th>TNF alpha</th>
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<td>Media Control</td>
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<tr>
<td>Tetanus Toxoid</td>
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<td>LPS</td>
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<td>933</td>
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<tr>
<td>Cytomegalovirus</td>
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</tbody>
</table>

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