Whole Blood Heparinized Tubes

Storage Conditions

Temperature

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Experimental</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>15°C</td>
<td>2h + 22h @ 22°C</td>
<td>22°C</td>
</tr>
<tr>
<td>30°C</td>
<td>8h + 16h @ 22°C</td>
<td>24h</td>
</tr>
<tr>
<td>40°C</td>
<td>12h + 12h @ 22°C</td>
<td></td>
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</tbody>
</table>

PBMC Isolation

Ficol Separation
Cell yield determination
Cryopreservation

Post-Thaw

Day 0
Cell Recovery: Cell Counts
Cell Phenotype: Flow Cytometry
Immune Function: Elispot

Day 1
Cell Viability: Flow Cytometry; Annexin V Staining