# Materials List for:
## Preparation of Tumor Antigen-loaded Mature Dendritic Cells for Immunotherapy

Rachel Lubong Sabado¹, Elizabeth Miller², Meredith Spadaccia³, Isabelita Vengco¹, Farah Hasan¹, Nina Bhardwaj¹

¹Cancer Institute, NYU Langone Medical Center  
²Infectious Diseases, NYU Langone Medical Center

Correspondence to: Rachel Lubong Sabado at rachel.sabado@mssm.edu

URL: [https://www.jove.com/video/50085](https://www.jove.com/video/50085)  
DOI: [doi:10.3791/50085](https://doi.org/10.3791/50085)

### Materials

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPMI-1640 medium with L-glutamine</td>
<td>BioWhittaker</td>
<td>12-702F</td>
<td></td>
</tr>
<tr>
<td>1M HEPES buffered saline</td>
<td>BioWhittaker</td>
<td>17-737E</td>
<td></td>
</tr>
<tr>
<td>Phosphate buffered saline (PBS)</td>
<td>BioWhittaker</td>
<td>17-516F</td>
<td></td>
</tr>
<tr>
<td>Human albumin, 25% solution USP</td>
<td>Aventis Behring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ficoll-Hypaque PREMIUM</td>
<td>GE Healthcare</td>
<td>17-5442-03</td>
<td></td>
</tr>
<tr>
<td>Human AB serum</td>
<td>Valley Biomedical</td>
<td>HP1022</td>
<td></td>
</tr>
<tr>
<td>Sterile saline USP</td>
<td>Hospira</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CryoMACS DMSO</td>
<td>Miltenyi Biotec</td>
<td>170-076-303</td>
<td></td>
</tr>
<tr>
<td>Leukine GM-CSF, 0.5 mg/ml</td>
<td>Berlex</td>
<td>A02266</td>
<td></td>
</tr>
<tr>
<td>MACS GMP IL-4</td>
<td>Miltenyi Biotec</td>
<td>170-076-101</td>
<td></td>
</tr>
<tr>
<td>Hiltonol, Poly-ICLC, 2 mg/ml</td>
<td>Oncovir</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>VACMUNE KLH</td>
<td>Biosyn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>225 sq cm EasyFlasks</td>
<td>Nalgene Nunc</td>
<td>159934</td>
<td></td>
</tr>
<tr>
<td>Falcon 6-well tissue culture plates</td>
<td>Becton Dickinson</td>
<td>353046</td>
<td></td>
</tr>
<tr>
<td>1.8 ml CryoTube vials</td>
<td>Nalgene Nunc</td>
<td>377267</td>
<td></td>
</tr>
<tr>
<td>Controlled Rate Freezer</td>
<td>Thermo</td>
<td>CryoMed</td>
<td></td>
</tr>
</tbody>
</table>