LIPID MAPS Solution Protocol

**Solution name**: Sonicated Kdo₂ Lipid A Working Solution

**Solution name abbreviation**: Sonicated 1000x Working Solution

**Protocol ID**: PS0000001400

**Version**: 00

**Volume**: 1 ml

**Components:**

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Source</th>
<th>Catalog or Protocol No.</th>
<th>F.W. or Stock Conc.</th>
<th>Quantity</th>
<th>Final Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kdo₂ Lipid A</td>
<td>LIPID MAPS</td>
<td>PS0000001300</td>
<td>1 mg/ml</td>
<td>100 ul</td>
<td>100 µg/ml</td>
</tr>
<tr>
<td>Dulbecco’s Phosphate-Buffered Saline (DPBS)</td>
<td>Cellgro</td>
<td>21-031</td>
<td>100%</td>
<td>900 ul</td>
<td></td>
</tr>
</tbody>
</table>

**Solution Preparation:**
1. Dilute 100 µl of the Kdo₂ Lipid A 1 mg/ml stock solution (Protocol ID PS0000000700) with 900 µl DPBS (final concentration 100 µg/ml) in a 1.5 ml Eppendorf tube. Assign a barcode and enter into the LIMS.
2. Prior to addition to cells, sonicate the 1000x working solution in a bath sonicator (NOT with tip sonicator) for 5 minutes. Solution will appear uniformly opalescent.
3. Store at –20°C.

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**Date**: 11-4-05