# LIPID MAPS Solution Protocol

**Solution name:** RAW 264.7 Growth Medium 1

**Solution name abbreviation:** RAWGM1

**Protocol ID:** PS0000000800

**Version:** 00

**Volume:** 500ml

## 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>DMEM with 4mM L-Glut and 4.5 g/L glucose</td>
<td>Cellgro</td>
<td>10-013</td>
<td>1X</td>
<td>445ml</td>
<td></td>
</tr>
<tr>
<td>Fetal Bovine Serum (FBS)</td>
<td>Hyclone</td>
<td>SH30071.03</td>
<td>100%</td>
<td>50ml</td>
<td>10%</td>
</tr>
<tr>
<td>Antibiotic Penicillin Streptomycin</td>
<td>Gibco</td>
<td>15140-122</td>
<td>100%</td>
<td>5ml</td>
<td>1%</td>
</tr>
</tbody>
</table>

**To heat-inactivate the serum:**

1. Thaw the 500ml stock bottle of serum at 4°C.
2. Heat the serum at 56°C for 30 minutes.
3. Aliquot the serum in 50ml tubes and store at 4°C until use.

**Solution Preparation:**

1. Remove 55ml from the 500ml DMEM reagent stock bottle.
3. Add 5ml of Penicillin Streptomycin.
4. Swirl to mix.
5. Warm the solution to 37°C before use.
6. Store at 4°C.

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**Date:** 11-7-05