

# LIPID MAPS Solution Protocol

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

**Solution name abbreviation:** RAWGM1

**Protocol ID:** PS0000000800

**Version:** 00

**Volume:** 500ml

**Components:**

| Reagent  | Source  | Catalog or Protocol No. | F.W. or Stock Conc. | Quantity | Final Concentration |
|--|---------|-------------------------|---------------------|----------|---------------------|
| DMEM with 4mM L-Glut, 4.5 g/L glucose, and 1.5g/L sodium bicarbonate | Cellgro | 10-013                  | 1X                  | 445ml    |                     |
| Fetal Bovine Serum (FBS)   | Hyclone | SH30071.03<br>ANG19242  | 100%                | 50ml     | 10%                 |
| Antibiotic Penicillin Streptomycin                                   | Gibco   | 15140-122               | 100%                | 5ml      | 1%                  |

**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.
2. Add 50ml of heat-inactivated fetal calf serum.
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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