

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 and 4.5 g/L glucose	Cellgro	10-013	1X	445ml	
Fetal Bovine Serum (FBS)	Hyclone	SH30071.03 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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