

LIPID MAPS Solution Protocol

Solution name: Bone Marrow-derived Macrophage Growth Medium

Solution name abbreviation: BMDMGM1

Protocol ID: PS0000002900

Version: 00

Volume: 500 mL

Components:

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
RPMI D-Glucose 2g/L	Cellgro	10-040	1X	290 mL	
Fetal Bovine Serum (FBS)	Hyclone	SH30071.03 ANG19242	100%	50 mL	10%
Antibiotic Penicillin Streptomycin	Gibco	15140-122	100%	5 mL	1%
L-glutamine	Gibco	35050-061	200 mM	5 mL	2 mM
L-Cell Medium	LIPID MAPS		100%	150 mL	30%

To heat-inactivate the serum:

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

Solution Preparation:

1. Remove 210 mL from the 500 ml RPMI reagent stock bottle.
2. Add 50 ml heat-inactivated fetal calf serum.
3. Add 5 ml Penicillin Streptomycin.
4. Add 5 ml L-glutamine.
5. Add 150 ml filtered (.22 μ m) L-Cell medium.
6. Swirl to mix.
7. Warm the solution to 37°C before use.
8. Store at 4°C.

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