

LIPID MAPS Solution Protocol

Solution name: Primary Macrophage Growth Medium 1

Solution name abbreviation: PMGM1

Protocol ID: PS0000001701

Version: 02

Volume: 500 mL

Components:

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

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 55 mL from the 500 mL DMEM reagent stock bottle.
2. Add 50 mL of heat-inactivated fetal calf serum.
3. Add 5 mL of Penicillin Streptomycin.
4. Swirl to mix.
5. Store at 4°C.
6. Warm the solution to 37°C before use.

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