

# LIPID MAPS Solution Protocol

**Solution name:** Primary Macrophage Serum Deprivation Medium 1

**Solution name abbreviation:** PMSDM 1

**Protocol ID:** PS0000001900

**Version:** 00

**Volume:** 500ml

**Components:**

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
RPMI 1640	Cellgro	10-040	1X	497.5 ml	
Fetal Bovine Serum (FBS)	Hyclone	SH30071.03 ANG19242	100%	2.5 ml	.5%

**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 50ml tubes and store at 4°C until use.

**Solution Preparation:**

1. Remove 2.5 ml from the 500ml RPMI reagent stock bottle.
2. Add 2.5 ml of heat-inactivated fetal calf serum.
3. Swirl to mix.
4. Warm the solution to 37°C before use.
5. Store at 4°C.

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