

PROCEDURE PROTOCOL FOR ELICITING BIO-GEL DERIVED MACROPHAGES

**LIPID MAPS Protocol ID PP0000001300
Version 1, 11-7-05**

MATERIALS AND SOLUTIONS

Autoclaved Bio-Gel (2%) (Protocol ID PS0000001500)
2-4 month old female mice (C57bl/6)
Sterile Syringes, 1 ml
Sterile Needles, 18 and 25 gauge
Sterile pipettes
Sterile 50 ml conical centrifuge tubes
70% ethanol
Tissue culture hood

PROCEDURE

1. Spray the outside of the autoclaved bottle of Bio-Gel (2%) with 70% ethanol, air dry, and place in the tissue culture hood.
2. Using a pipette, and while thoroughly suspending the bio-gel, transfer total volume needed (1 ml per mouse) to a 50 ml conical centrifuge tube.
3. Using a 1 ml syringe with an 18 gauge needle, and while thoroughly suspending the bio-gel, withdraw 1 ml of bio-gel from the 50 ml conical centrifuge tube. Remove the 18 gauge needle and replace with a 25 gauge needle.
4. Repeat number 3 above for every mouse to be injected.
5. Gently tap the syringe to suspend the bio-gel and inject 1 ml bio-gel intraperitoneally.
6. Place mice in a clean cage.
7. 3 days after injecting, harvest the macrophages (Protocol ID PP0000001500).

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