

PROCEDURE PROTOCOL FOR ELICITING THIOLYCOLLATE DERIVED MACROPHAGES

**LIPID MAPS Protocol ID PP0000001400
Version 1, 11-7-05**

MATERIALS AND SOLUTIONS

2 month or older autoclaved Thioglycollate Medium (3%) (Protocol ID PS0000001600)
2-4 month old female mice (C57bl/6)
Sterile Syringes, 3 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 Thioglycollate Medium (3%) with 70% ethanol, air dry, and place in the tissue culture hood.
2. Using a pipette, transfer total volume needed (2.5 ml per mouse) to a 50 ml conical centrifuge tube.
3. Using a 3 ml syringe with an 18 gauge needle, withdraw 2.5 ml of thioglycollate 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. Inject 2.5 ml thioglycollate intraperitoneally.
6. Place mice in a clean cage.
7. 3 days after injecting, harvest the macrophages (Protocol ID PP0000001500).

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