

Materials List for:

Derivation of Thymic Lymphoma T-cell Lines from *Atm*^{-/-} and *p53*^{-/-} Mice

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Materials

- Ice bucket
- 70% ethanol
- Dissection pad consisting of foam block covered with aluminum foil and pins
- Two sets of small sterile scissors and forceps
- Sterile 150 mm² Petri dish (Thermo Fisher Scientific, Waltham, MA; cat. #08-757-13)
- Sterile 18 gauge needles
- 50 mL conical tubes (Corning Inc., Corning NY; cat # 430829)
- 10% buffered formalin
- Tissue culture flasks
 - T-25 (TPP, Trasadingen, Switzerland; cat # 90025)
 - T-75 (TPP, Trasadingen, Switzerland; cat # 90075)
- 6-well plates (Corning Inc., Corning NY; cat # 3506)
- Sterile phosphate buffered saline pH 7.2 (PBS)
- Culture medium
 - RPMI 1640 with 25 mM HEPES, 200 mM L-glutamine (Lonza, Walkersville, MD; cat#12-115F) supplemented with the following:
 - 10% heat inactivated (56°C, 30 min) fetal bovine serum (FBS; Hyclone, Logan, UT; cat# SH30088.03)
 - 1% penicillin and streptomycin (Mediatech, Manassas,VA; cat# 30-002-CI)
 - 1% nonessential amino acids (Mediatech; cat#25-025-CI)
 - 55 mM 2β-mercapt-ethanol (Sigma, St Louis, MO; cat#M752)
- Dimethyl sulfoxide (DMSO; Calbiochem, La Jolla, CA; cat # 317275)
- Antibodies (eBioScience, San Diego, CA)
 - anti-CD3-FITC (cat. #11-0031-85)
 - anti-CD4-APC (cat. #17-0041-83)
 - anti-CD8-PE (cat.#12-081-85)
- Bovine serum albumin (BSA; Life Technologies, Grand Island, NY; cat #. 11018-017)
- Concanavalin A (Sigma cat# C5275)
- 1.8 mL freezing vials (Nunc, Roskilde, Denmark; cat# 368632)