

Materials List for:

Generating Primary Fibroblast Cultures from Mouse Ear and Tail Tissues

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Materials

| Name | Company | Catalog Number | Comments |
|-------------------------------------|-------------------|----------------|--|
| RPMI-1640 | HyClone | SH30027.01 | |
| Fetal Calf Serum | HyClone | SV30160.03 | |
| 2-mercaptoethanol | Sigma-Aldrich | M3148 | |
| Asparagine | Sigma-Aldrich | A4159 | |
| Glutamine | Sigma-Aldrich | G8540 | |
| Penicillin/Streptomycin | HyClone | SV30010 | |
| Ethanol | Merck Millipore | 107017 | Absolute for analysis |
| Collagenase D | Roche Diagnostics | 11088866001 | From <i>Clostridium histolyticum</i> , lyophilized, non-sterile |
| Pronase protease | Merck Millipore | 53702 | From <i>Streptomyces griseus</i> |
| Tris buffer (pH 8) | 1st BASE | 1415 | Ultra pure grade |
| 0.5M EDTA (pH 8) | 1st BASE | BUF-1053 | Biotechnology grade |
| 10X Phosphate Buffered Saline (PBS) | 1st BASE | BUF-2040-10X4L | Ultra pure grade |
| Trypsin-EDTA solution 10X | Sigma-Aldrich | 59418C-100ML | 0.5% trypsin, 0.2% EDTA, trypsin gamma irradiated by SER-TAIN process, without phenol red, in saline |
| Amphotericin B | Sigma-Aldrich | A2492-20ml | 250 µg/ml in deionized water, sterile-filtered |
| Scissors | Aesculap | | |
| Forcep | Aesculap | AE-BD312R | |
| 0.2 µm syringe filter | Sartorius Stedim | 16534 | |
| 70 µm cell strainer | SPL | 93070 | |
| Syringe plunger | Terumo | SS+10L | |
| Cryovial tube | NUNC | 368362 | |
| 1.7 ml microcentrifuge tube | Axygen | MCT-175-C | |
| 10 cm cell culture dish | Greiner | 664160 | Cell culture treated dish |
| 15 ml conical bottom tube | Greiner | 188271 | |
| 50 ml conical bottom tube | Greiner | 227261 | |
| Water bath | GFL | 1002 | |
| Centrifuge | Eppendorf | 5810R | |
| Incubation shaker | Sartorius Stedim | | Certomat-BS1 |
| Zeiss Axiovert 25 light microscope | Carl Zeiss AG | | |