### Materials

**Name** | **Company** | **Catalog Number** | **Comments**
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**Table of specific reagents:**
Milrinone | Sigma-Aldrich | M4659 | Resuspend in DMSO at 2.5mM
Mineral oil | Sigma-Aldrich | M5310 | Only use embryo-tested, sterile-filtered
CREST autoserum | Immunovision | HCT-0100 |
Sytox Green | Invitrogen | 57020 |
Anti-human Alexa 594 | Invitrogen | A-11014 |
Vectashield | Vector Laboratories | H-100 |
Parafomaldehyde | Polysciences, Inc. | 577773 |
Albumin from bovine serum | Sigma-Aldrich | A3294 |
PMSG | Calbiochem | 367222 |
Monastrol | Sigma-Aldrich | M8515 | Resuspend in DMSO at 100mM
Twee-20 | Sigma-Aldrich | 274348 |
TritonX-100 | Sigma-Aldrich | X-100 |
**Table of specific equipment:**
Mouthpiece | Biodiseno | MP-001-Y |
Watchglass | Electron Microscopy Sciences | 70543-30 |
Syringe | BD Biosciences | 309623 | 1ml, 27G½
60 mm Petri Dish | Falcon BD | 351007 |
Glass Pasteur pipets | Fisher Scientific | 13-678-200 |
Side warmer | Fisher Scientific | 13-678-200 |
Dissection microscope | Any standard model |
Chamber Slide | Nalge Nunc international | 177372 |
Capillary Tubing | Drummond Scientific | 1-000-0500 | microcaps
Pipette Puller | Nikon Instruments | Any standard model |
Inverted microscope | Nikon Instruments | Any standard model |
Micromanipulators | Eppendorf | Any standard model |
Picoinjector | Harvard Apparatus | Model PLI-100 |
CO₂ tanks | For incubator |
N2 tank | For table and injector |
Anti-vibration table | Technical Manufacturing Corp. | Any standard model |
Incubator | Any standard model |
Holding pipettes | Eppendorf | 930001015 | Vacutip
Confocal microscope | Leica Microsystems | Any standard model |
Dissection tools | Fine Science Tools | Any standard model |
<table>
<thead>
<tr>
<th>Material</th>
<th>Manufacturer</th>
<th>Code</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Humidified chamber</td>
<td></td>
<td></td>
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<tr>
<td>Lid of 96 well plate</td>
<td>Nalge Nunc international</td>
<td>263339</td>
<td>We use tupperware</td>
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<tr>
<td>Microscope slides</td>
<td>Fisher Scientific</td>
<td>12-544-3</td>
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<tr>
<td>Coverslips</td>
<td>Thomas Scientific</td>
<td>6663-F10</td>
<td>Thickness will vary for particular microscopes</td>
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<tr>
<td>Center well organ culture dish</td>
<td>Fisher Scientific</td>
<td>353037</td>
<td>60 X 15mm</td>
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