**REAGENTS:**

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| Name | Company | Catalogue Number |
| *Xenopus tropicalis* | NASCO | LM00823MX |
| human Chorionic Gonadotropin | Sigma-Aldrich | CG10 |
| HEPES | Sigma-Aldrich | H4034 |
| EDTA | Sigma-Aldrich | E5134 |
| NaCl | Sigma-Aldrich | S3014 |
| KCl | Sigma-Aldrich | P9541 |
| MgCl2 | Sigma-Aldrich | M8266 |
| CaCl2 | Sigma-Aldrich | C8106 |
| sucrose | Sigma-Aldrich | S0389 |
| NaOH | Sigma-Aldrich | S5881 |
| EGTA | Sigma-Aldrich | E3889 |
| Leupeptin | Sigma-Aldrich | L9783 |
| Pepstatin | Sigma-Aldrich | P5318 |
| Chymostatin | Sigma-Aldrich | C7268 |
| Cytochalasin D | Sigma-Aldrich | C8273 |
| Gelatin, porcine skin | Sigma-Aldrich | G1890 |
| PIPES | Sigma-Aldrich | P6757 |
| Taxol | Sigma-Aldrich | T7191 |
| Nocodazole | Sigma-Aldrich | M1404 |
| Trizol | Invitrogen | 15596-026 |
| L-Cysteine, free base | USB Corporation | 14030 |

**EQUIPMENT:**

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| **Material Name** | **Company** | **Catalogue Number** |
| 1 mL syringes | BD Biosciences | 309659 |
| 18 gauge needles | BD Biosciences | 305195 |
| 30 gauge needles | BD Biosciences | 305106 |
| Rubbermaid Plastic bucket | Amazon | 6306 |
| Beckman Polyallomer 2 x ½ inch Ultracentrifuge tubes | Beckman | 326819 |
| 15 mL round-bottomed glass centrifuge tubes | Fisher Scientific | 45500-15 |
| 5 ¾ inch glass Pasteur pipets | Fisher Scientific | 13-678-20A |
| 14 mL polypropylene round-bottom tube | BD Biosciences | 352059 |
| Sorvall HB-6 rotor | Thermo Scientific | 11860 |
| Sorvall RC-6 centrifuge | Thermo Scientific | 46910 |