

Materials List for

# An *In Vitro* Approach to Study Mitochondrial Dysfunction: A Cybrid Model

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## Materials

| Name                                                                   | Company                       | Catalog Number  | Comments         |
|------------------------------------------------------------------------|-------------------------------|-----------------|------------------|
| 5-Bromo-2'-Deoxyuridine                                                | Sigma-Aldrich (Merck)         | B5002-500MG     |                  |
| 6 well Plates                                                          | Corning                       | 3516            |                  |
| 96 well Plates                                                         | Corning                       | 3596            |                  |
| Blood and Cell Culture DNA extraction kit                              | QIAGEN                        | 13323           |                  |
| Centrifuge                                                             | Beckman Coulter               | Avanti J-25     | 7,200 rcf, 37 °C |
| Centrifuge bottles, 250 mL                                             | Beckman Coulter               | 356011          |                  |
| Cytochalasin B from Drechslera dematioidea                             | Sigma-Aldrich (Merck)         | C2743-200UL     |                  |
| Dialyzed FBS                                                           | Gibco                         | 26400-036 100mL |                  |
| DMEM High Glucose (w/o L- Glutamine W/Sodium Pyruvate)                 | EuroClone                     | ECB7501L        |                  |
| Dulbecco's Phosphate Buffered Saline - PBS (w/o Calcium w/o Magnesium) | EuroClone                     | ECB4004L        |                  |
| Ethanol Absolute Anhydrous                                             | Carlo Erba                    | 414601          |                  |
| FetalClone III (Bovine Serum Product)                                  | Cytiva - HyClone Laboratories | SH30109.03      |                  |
| Glass pasteur pipettes                                                 | VWR                           | M4150NO250SP4   |                  |
| Inverted Research Microscope For Live Cell Microscopy                  | Nikon                         | ECLIPSE TE200   |                  |
| JA-14 Fixed-Angle Aluminum Rotor                                       | Beckman Coulter               | 339247          |                  |
| Laboratory autoclave Vapormatic 770                                    | Labotech                      | 29960014        |                  |
| L-Glutamine 200 mM (100x)                                              | EuroClone                     | ECB 3000D       |                  |
| Minimum Essential Medium MEM                                           | Euroclone                     | ECB2071L        |                  |
| MycoAlert Mycoplasma Detection Kit                                     | Lonza                         | LT07-318        |                  |
| PEG (Polyethylene glycol solution)                                     | Sigma-Aldrich (Merck)         | P7181-5X5ML     |                  |
| Penicillin-Streptomycin (solution 100x)                                | EuroClone                     | ECB3001D        |                  |

|                        |                       |          |  |
|------------------------|-----------------------|----------|--|
| Primo TC Dishes 100 mm | EuroClone             | ET2100   |  |
| Primo TC Dishes 35 mm  | EuroClone             | ET2035   |  |
| Sodium Pyruvate 100 mM | EuroClone             | ECM0542D |  |
| Stereomicroscope       | Nikon                 | SMZ1000  |  |
| Trypsin 2.5% in HBSS   | EuroClone             | ECB3051D |  |
| Uridine                | Sigma-Aldrich (Merck) | U3003-5G |  |