

Materials List for:

# Purification and Transplantation of Myogenic Progenitor Cell Derived Exosomes to Improve Cardiac Function in Duchenne Muscular Dystrophic Mice

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## Materials

| Name                                       | Company                   | Catalog Number             | Comments          |
|--------------------------------------------|---------------------------|----------------------------|-------------------|
| 0.22 µm Filter                             | Fisherbrand               | 09-720-004                 |                   |
| 15 cm Cell Culture Dish                    | Thermo Fisher Scientific  | 157150                     |                   |
| 24 G catheter                              | TERUMO                    | SR-OX2419CA                |                   |
| 31 G insulin needle                        | BD                        | 328291                     |                   |
| 4% paraformaldehyde                        | Affymetrix                | AAJ19943K2                 |                   |
| 50 mL Centrifuge Tubes                     | Thermo Fisher Scientific  | 339652                     |                   |
| 6-0 suture                                 | Pro Advantage by NDC      | P420697                    |                   |
| Alexa Fluor 488 goat anti-rabbit IgG       | Thermo Fisher Scientific  | A-11008                    |                   |
| Antibiotic Antimycotic Solution            | Corning                   | 30-004-CI                  |                   |
| Anti-Dystrophin antibody                   | Abcam                     | ab15277                    |                   |
| Antigen retriever                          | Aptum Biologics           | R2100-US                   | Antigen recovery  |
| Autofluorescence Quenching Kit             | Vector Laboratories       | SP-8400                    |                   |
| C2C12 cell line                            | ATCC                      | CRL-1772                   |                   |
| Centrifuge                                 | Unico                     | C8606                      |                   |
| Change-A-Tip High Temp Cauteries           | Bovie Medical Corporation | HIT                        |                   |
| Confocal microscopy                        | Zeiss                     | Zeiss 780 Upright Confocal |                   |
| DBA/2J-mdx mice                            | The Jackson Laboratory    | 013141                     |                   |
| DMEM                                       | Corning                   | 10-013-CM                  |                   |
| Fetal Bovine Serum (FBS)                   | Corning                   | 35-011-CV                  |                   |
| Goat serum                                 | MP Biomedicals, LLC       | 191356                     |                   |
| Isoflurane                                 | Patterson Veterinary      | 07-893-1389                |                   |
| Ketamine                                   | Henry Schein              | 056344                     |                   |
| Mounting Medium with DAPI                  | Vector Laboratories       | H-1500                     |                   |
| Mouse Retractor Set                        | Kent Scientific           | SURGI-5001                 |                   |
| Polyethylene glycol tert-octylphenyl ether | Fisher Scientific         | BP151-100                  |                   |
| Rodent ventilator                          | Harvard Apparatus         | 55-7066                    |                   |
| SW-28 Ti rotor                             | Beckman                   | 342207                     |                   |
| The Vevo 2100 Imaging Platform             | FUJIFILM VisualSonics     | Vevo 2100                  | Ultrasound System |
| Ultracentrifuge                            | Beckman                   | 365672                     |                   |

|                    |                               |                 |  |
|--------------------|-------------------------------|-----------------|--|
| Ultra-Clear Tubes  | Beckman                       | 344058          |  |
| Xylazine (XylaMed) | Bimeda-MTC Animal Health Inc. | 1XYL003 8XYL006 |  |