

Materials List for:

# Isolation and Decellularization of a Whole Porcine Pancreas

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## Materials

| Name                                                        | Company          | Catalog Number | Comments                                                              |
|-------------------------------------------------------------|------------------|----------------|-----------------------------------------------------------------------|
| 4mm DLP arteriotomy cannula                                 | Medtronic        | 31104          |                                                                       |
| 2ml Unlabelled pipette                                      | vWR              | 612-3720       |                                                                       |
| Degasser                                                    | Biotech AB       | 0001-6484      |                                                                       |
| DNase-I                                                     | Worthington      | LS0020007      |                                                                       |
| Dulbecco's PBS with CaCl <sub>2</sub> and MgCl <sub>2</sub> | Sigma Aldrich    | D8662          |                                                                       |
| EDTA disodium salt dihydrate                                | AlfaAesar        | A15161.OB      |                                                                       |
| Heparin                                                     | Leo              | 387107         |                                                                       |
| Luer Male with 1/8" ID Barb                                 | Oina             | LM-2PP-QC      | For 3X5mm silicon tube                                                |
| Peristaltic pump                                            | Oina             | SP-1X4         |                                                                       |
| PMSF                                                        | Roche            | 10837091001    | Unstable in aqueous solution. Should be added fresh before perfusion. |
| Potassium chloride                                          | Sigma Aldrich    | P5405          |                                                                       |
| Potassium hydrogen phosphate                                | Sigma Aldrich    | P9791          |                                                                       |
| SDC                                                         | Sigma Aldrich    | 30970          |                                                                       |
| Silicon tube 3X5mm                                          | VWR              | 2280706        |                                                                       |
| Sodium Azide                                                | Sigma Aldrich    | 71290          |                                                                       |
| Sodium chloride                                             | Sigma Aldrich    | 13423          |                                                                       |
| Sodium hydrogen phosphate                                   | Merck            | 71640-M        |                                                                       |
| Suture                                                      | Vömel            | 14817          |                                                                       |
| Syringe 50mL                                                | Becton Dickinson | 300137         |                                                                       |
| Triton-X-100                                                | AlfaAesar        | A16046.OF      |                                                                       |