

Materials List for:

# Establishment and Characterization of UTI and CAUTI in a Mouse Model

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## Materials

| Name                                          | Company                   | Catalog Number  | Comments                                                                      |
|-----------------------------------------------|---------------------------|-----------------|-------------------------------------------------------------------------------|
| Material for catheter and needle preparation: |                           |                 |                                                                               |
| 30 G needles                                  | BD Precision Glide        | 305106          | 30 G x ½ (0.3 mm x 13 mm)                                                     |
| PE10 polyethylene tubing                      | BD                        | 427400          | Inside diameter -0.011 in (0.28 mm); outside diameter – 0.024 in (0.61 mm)    |
| RenaSIL 025 platinum cured silicon tubing     | Braintree Scientific, Inc | SIL 025         | inside diameter-0.012 x outside diameter 0.025, 25 ft coil                    |
| Material for infections:                      |                           |                 |                                                                               |
| Isoflurane – Isothesia                        | Butler Schein             | 29405           | 250 ml                                                                        |
| Clear Glass Straight-Sided Jar                | Kimble Chase              | 5413289V 21     |                                                                               |
| Stainless Steel Tea Infuser                   | Schefs-Amazon             |                 | Premium Loose Leaf Tea Infuser By Schefs - Stainless Steel - Large Capacity - |
| Non-sterile cotton balls                      | Fisherbrand               | 22-456-880      |                                                                               |
| 50 ml Falcon tubes                            | VWR                       | 89039-660       |                                                                               |
| Isotec 3 -vaporizer                           | Ohmeda                    | 1224478         |                                                                               |
| Ear punch                                     | Fisher Scientific         | 13-812-201      | (when necessary)                                                              |
| Betadine solution                             | Betadine solution         |                 | 10% Povidine-iodine topical solution                                          |
| Q-tips                                        | Fisher Scientific         | 22-037-924      | 6 inches                                                                      |
| Diapers for bench                             | Fisherbrand               | 14206 63        | Absorbent Underpads (20"X36"mats)                                             |
| Surgical lubricant                            | Surgilube                 | 0281-0205-36    |                                                                               |
| Dissecting scissor                            | Fine Science tools, INC   | 14084-08        |                                                                               |
| Micro-Adson Forceps                           | Fine Science tools, INC   | 11018-12        |                                                                               |
| 1 ml syringe                                  | BD                        | 309659          | Tuberculin slip tip                                                           |
| Parafilm                                      | Bemis                     | PM996           | 4 inches x 125 FT                                                             |
| Eppendorf rack                                | Fisherbrand               | 05-541-1        |                                                                               |
| Eppendorf tubes                               | MIDSCI                    | AVX-T-17-C      |                                                                               |
| Harvesting catheters, bladders and kidneys:   |                           |                 |                                                                               |
| Homogenizer                                   | PRO Scientific INC        | Bio-Gen Pro 200 |                                                                               |
| 5 ml polypropylene round-bottom tube          | BD                        | 352063          | for organ homogenization                                                      |
| Paper towel                                   | Georgia-Pacific           |                 |                                                                               |
| Ethanol                                       | Pharmco-AAPER             | 11100020S       | 200 proof                                                                     |
| Costar™ Clear Polystyrene 96-Well Plates      | Corning                   | 3788            |                                                                               |
| 1x Phosphate sodium saline                    | Sigma-Aldrich             | P3813           |                                                                               |

|                                                            |                                 |              |                                       |
|------------------------------------------------------------|---------------------------------|--------------|---------------------------------------|
| BRANSONIC Ultrasonic cleaner 1210                          | Branson Ultrasonics Corporation | 1210         |                                       |
| IBC materials:                                             |                                 |              |                                       |
| 6-well tissue culture test plate                           | Techno Plastic Products         | 92006        |                                       |
| Pins                                                       | Fine Science Tools              | 26002-20     |                                       |
| Sylgard 184                                                | Dow Corning                     | 3097358-1004 | Silicone Elastomer Kit                |
| X-gal (5-bromo-4-chloro-3-indolyl-b-D-galactoside)         | Invitrogen                      | 15520-034    | Ultrapure                             |
| N, N-Dimethylformamide                                     | Sigma Aldrich                   | D4551        |                                       |
| MgCl <sub>2</sub> (Magnesium chloride)                     | Sigma Aldrich                   | M8266        |                                       |
| Sodium deoxycholate                                        | Sigma Aldrich                   | D6750        |                                       |
| Nonidet-P40                                                | Roche                           | 11754599001  | Octylphenolpoly(ethyleneglycolether)n |
| Potassium hexacyanoferrate(II) trihydrate (K-ferrOcyanide) | Sigma Aldrich                   | P3289        |                                       |
| Potassium hexacyanoferrate(III) (K-ferrIcyanide)           | Sigma Aldrich                   | 60299        |                                       |