

Materials List for

# In Vivo Imaging to Measure Spontaneous Lung Metastasis of Orthotopically-injected Breast Tumor Cells

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jove.com/video/64002

## Materials

| Name                            | Company              | Catalog Number | Comments                   |
|---------------------------------|----------------------|----------------|----------------------------|
| 0.25% Trypsin/EDTA              | Hyclone              | SH30042.01     |                            |
| 1.5ml microcentrifuge tubes     | USA Scientific       | 1615-5500      |                            |
| 10% povidone-iodine solution    | Medline              | MDS093906      |                            |
| 15ml centrifuge tubes           | VWR                  | 89039-666      |                            |
| 1X PBS                          | Hyclone              | SH30256.01     |                            |
| 28G 0.5ml U-100 Insulin Syringe | BD Biosciences       | 329461         |                            |
| Amphotericin B                  | Gemini Bio-products  | 400-104        |                            |
| Cautery Kit                     | Braintree Scientific | DEL2           |                            |
| D-Luciferin Potassium           | SydLabs              | MB102          |                            |
| Ethanol                         | Koptec               | V1001          |                            |
| Fetal Bovine Serum              | R&D Systems          | S11150H        |                            |
| Forceps                         | Fisherbrand          | 16-100-110     |                            |
| Growth factor-reduced Matrigel  | Corning              | 354230         |                            |
| Isoflurane                      | Covetus              | 29405          |                            |
| IVIS Spectrum 200               | Perkin Elmer         | 124262         |                            |
| Meloxicam (2mg/ml)              | Zoopharm LLC         | N/A            | By veterinary prescription |
| Penicillin/Streptomycin         | Gemini Bio-products  | 400-109        |                            |
| RPMI1640                        | Hyclone              | SH30027.01     |                            |
| Scissors                        | Miltex               | 5-300          |                            |
| Silk sutures                    | Braintree Scientific | SUT-S 103      |                            |
| Surgical staples                | Reflex7              | 203-1000       |                            |
| Trypan Blue                     | Gibco                | 15250-061      |                            |