

Materials List for:

Ex Vivo Infection of Live Tissue with Oncolytic Viruses

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Materials

| Name | Company | Catalog Number | Comments |
|--------------------------------------|-----------------------------|-------------------------------|---|
| High glucose DMEM | Hyclone | SH30243.01 | |
| Fetal Bovine Serum | NorthBio Inc. | NBSF-701 | |
| Amphotericin B solution | Sigma-Aldrich | A2942 | Use at 0.1% |
| Penicillin-Streptomycin | Sigma-Aldrich | P4333 | Use at 1% |
| Alamar Blue | Invitrogen | DAL1025 | |
| D-Luciferin potassium salt | Molecular Imaging Products | D-Luciferin potassium salt 1g | Resuspend in PBS at 10 mg/ml and filter on 0.22 µm filter |
| MEM powder | GIBCO, by Life Technologies | #41500018 | Make in half the suggested volume to make 2X MEM and filter on 0.22 µm filter prior to use |
| Carboxymethyl cellulose (CMC) | Sigma-Aldrich | C9481 | Make a 3% solution in deionized water and autoclave. Note that powder can take some time to resuspend |
| Coomassie Brilliant Blue R | Sigma-Aldrich | B7920 | |
| 2 mm Biopsy punch | Miltex Inc. | MX-33-31 | |
| Double Edge Prep Blades | Personna Medical Care | 74-0002 | |
| Fluorescence dissection Microscope | Leica Microsystems | model M205 FA | |
| <i>In vivo</i> imaging system (IVIS) | Caliper Life Sciences | IVIS® 200 series | |
| Tissue Tearor | Biospec Products | model 985370-395 | |