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| PREPARATION |

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| Ordering Information for Common Supplies |

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| **Objective**  Acquire many of the supplies necessary to begin phagehunting. |
| **Helpful Tips**   * You may find other vendors have similar products that are perfectly acceptable. These are just the typical ones we order at Pitt. * Prices are not printed here because they are subject to change so quickly. Most vendors have pricing available on their websites and reductions for educational institutions. |
| **Vendor and Product Lists**  **VWR** (www.vwr.com, 800.932.5000)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | VWR Superspin Microcentrifuge Tubes, Polypropylene | 20170-038 | 500/pack | | Middlebrook 7H9 Broth Base | BB11417 | 100g | | Middlebrook 7H10 Agar | DF0627-17 | 500g | | Petri dishes, small, 100mm x 15 mm, standard stackable | 25384-208 | 1 case (500 plates) | | Petri dishes, large, 150mm x 15 mm, standard stackable | 25384-139 | 1 case (100 plates) | | Syringes with BD Luer-Lock Tip, Sterile, 1 ml | BD-309628 | 100/pack | | Acrodisc Sterile Syringe Filters with Supor Membrane  (Pall Life Sciences) | 28143-310 | 50/pack | | 15ml centrifuge tube with plug caps, polypropylene, sterile | 93000-022 | 500/case | | 50ml centrifuge tube with plug caps, polypropylene, sterile | 93000-032 | 500/case | | Agar, Bacto | DF0140-15 | 100g | | 1000ml VWR Erlenmeyer flasks w/ reinforced beaded top | 89000-368 | 6/pack | | 2000ml VWR Erlenmeyer flasks w/ reinforced beaded top | 89000-370 | 4/pack | | Octagonal Magnetic Stirbars, 5/16” by 1½” | 58948-150 | -- | | Glycerol, anhydrous (JT Baker) | JT2136-1 | 500ml | | Costar Disposable Storage Bottle, 250ml capacity | 28199-758 | 24/case | | BD Falcon Polypropylene Centrifuge Tubes, 225ml | 21008-943 | 48/case | | VWR Vacuum Filtration Systems, 500ml, .22µm pore size,  PES Membrane, Sterile | 87006-062 | 12/pack | | Spectra/Por 7 Dialysis Membranes , MWCO 1000-50000, 15.9mm diameter | 25223-901 | -- | | Hydrochloric Acid (EMD) | EM-HX0603P-5 | 500ml | | Hygromycin B | 80501-088 | 1g | | Corning Hoplate/Stirplate, 120V | 89090-994 | -- |   **ThermoFisher Scientific** (fishersci.com, 800.766.7000)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | Boric Acid | BP168-500 | 500g | | Calcium Chloride (Anhydrous) | C614-500 | 500g | | Cesium Chloride | BP210-100 | 100g | | Corning Milk Dilution Bottles, ungraduated, narrow mouth | 02-943-5 | 12/pack | | Dextrose | D16-500 | 500g | | EDTA Disodium Salt | BP120-500 | 500g | | Ethanol, 200 proof | -- | -- | | Magnesium Sulfate (Anhydrous) | M65-500 | 500g | | Millipore Steriflip Disposable Vacuum Filter Units  (.22µm pore size) | SCGP00525 | 25/pack | | Seakem LE Agarose (Cambrex) | BMA50004 | 500g | | Sodium Acetate Trihydrate | S209-3 | 3kg | | Sodium Chloride | BP358-1 | 1kg | | Tween 80 | T164-500 | 500ml |   **Sigma** (www.sigma-aldrich.com, 800.325.3010)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | Carbenicillin Disodium Salt (CB) | C1389 | 5g | | Cyclohexamide (CHX) | C7698 | 1g | | Ethidium Bromide 10mg/ml | E1510 | 10ml | | Leucine | L8000 | 25g | | Polyethylene Glycol (PEG) | P2139 | 500g | | TRIZMA base | T1503 | 500g |   **BellCo** (www.bellcoglass.com, 800.257.7043)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | 50 ml shake flask with baffles | 2540-00050 | -- | | 125 ml shake flask with baffles | 2540-00125 | -- | | 250 ml shake flask with baffles | 2540-00250 | -- | | 500 ml shake flask with baffles | 2540-00500 | -- | | 18 mm stainless steel closures | 2005-00018 | -- | | 25 mm stainless steel closures | 2005-02512 | -- | | 38 mm stainless steel closures | 2005-03812 | -- |   **New England Biolabs** (www.neb.com, 800.632.5227)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | BamH1 restriction enzyme, 20,000 units/ml | R0136S | 10,000 units | | Cla1 restriction enzyme, 5,000 units/ml | R0197S | 1,000 units | | EcoR1 restriction enzyme, 20,000 units/ml | R0101S | 10,000 units | | HaeIII restriction enzyme, 10,000 units/ml | R0108S | 3,000 units | | HindIII restriction enzyme, 10,000 units/ml | R0104S | 10,000 units |   **Beckman Coulter** (www.beckmancoulter.com, 800.742.2345)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | Quick-Seal Polyallomer Ultracentrifuge Tubes, 13.5 ml,  16 x 76 mm | 342413 | 50/box |   **Spectrum** (www.spectrumchemical.com, 800.772.8786)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | Albumin, Bovine Serum (BSA), Fraction V | A3611-100GM | 100g |   **Aurical Company** (www.auricalcompany.com, 800.615.8870)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | Pourite Anti-Bubble Additive | 8-505 | 60 ml |   **USA Scientific** (www.usascientific.com, 800.522.8477)   |  |  |  | | --- | --- | --- | | ***Product*** | ***Catalog #*** | ***Size*** | | Screw-Cap Microcentrifuge Tubes, 1.5 ml | 1415-8799 | 500/pack | |