**Supplemental Table 1**: List of supplies required for specimen collection, processing, and storage in the Pediatric COVID-19 Biorepository.

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| **Company - Catalog No.**  | **Item Description**  |
| **Pediatric Sample Collection Kit Supplies**   |
| BD 762165  | PAXgene Blood RNA tubes (2.5mL)  |
| BD 367863  | 6mL K2 EDTA tubes  |
| BD 367841  | 2mL K2 EDTA tubes  |
| BD 366643  | 10mL K2 EDTA tubes  |
| BD 367983  | 3.5mL SST tubes  |
| BD 365967  | SST Microtainers  |
| BD 365974  | EDTA Microtainers  |
| BD 367671  | 2mL Sodium Heparin tubes  |
| Copan 552C  | Oropharyngeal Flocked Swab - 80mm break point in dry tube  |
| Fisher 23600956 (Copan 518CS01)  | Nylon Flocked Dry Swabs (nose swabs)  |
| SPC400  | MediChoice specimen container (4oz/120 cc)  |
| Om Main Street (SB0609)  | Biohazard specimen bag- ziplock w. outside pocket  |
| Lab Loc Specimen Bags  | Clear Biohazard Specimen Transport Bags  |
| Staples 479880  | 1x 2 5/8 Label Sheets for patient kits  |
|  **Personal Protective Equipment**  |
| Fisher 19-181-600A  | Face Shields  |
| Precept 5030  | Disposable sterile closed-front impermeable gowns  |
| Fisher 19-830-003  | Sterile Sleeve Covers  |
| Fisher 19-041-172D / Genesee 44-106L  | Large Nitrile Exam Gloves, Green  |
| Fisher 19-041-172C / Genesee 44-106M  | Medium Nitrile Exam Gloves, Green  |
| Fisher 19-041-172B / Genesee 44-106S  | Small Nitrile Exam Gloves, Green  |
| Genesee 44-100L  | X-GEN Nitrile Examination Gloves, L Cobalt Violet Blue  |
| Genesee 44-100M  | X-GEN Nitrile Examination Gloves, M Cobalt Violet Blue  |
|  Genesee 44-100S  | X-GEN Nitrile Examination Gloves, S Cobalt Violet Blue  |
|  **COVID-19 Biospecimen Processing Supplies**  |
| Gibco 10010049  | PBS (1X)  |
| Sigma D0632-1G  | DL-dithiothreitol powder  |
| Thermo Sci R21650  | Buffered glycerol saline  |
| Invitrogen AM7021  | RNA Later Solution  |
| GE Healthcare  17-1440-03  | Ficoll-Paque Plus  |
| BP2311/Sigma D8418  | DMSO (dimethyl sulfoxide)  |
| F4135  | Fetal Bovine Serum (FBS)  |
|  Sigma R7638 - 6x500ML  | RPMI 1640 Dutch Modification  |
| Gibco 14175095  | HBSS (-)  |
| 15140-122  | Pen/Strep (100mL)  |
| Sigma M6250-10mL  | β-Mercaptoethanol (10mL)  |
| USA Scientific 9187-1700  | Cryolabels sheets  |
| Fisher Scientific AM12645  | 20μL barrier tips  |
| Genesee 24-430  | 1000μL barrier tips  |
|  Genesee 24-412  | 200μL barrier tips  |
| Thermo 5000-0020  | Nalgene 2.0mL Cryovials  |
| USA Scientific 1615-5510  | 1.5mL Eppendorf tubes  |
| Corning 352097 (Fisher 1495970C)  | 15mL Conical tube  |
| Corning 430052  | 15mL conical tubes  |
| Corning 430829  | 50mL Conical Tubes  |
| Corning 352054  | 5mL Polystyrene round bottom tube  |
| Fisher SCGP00525  | Steriflip – vaccum filter for 50mL falcon  |
| Olympus plastic 12-106  | 25mL Serological Pipette  |
| Costar 4488  | 10mL Serological Pipette  |
| Costar 4487  | 5mL Serological Pipette  |
|  BD 309604  | 10mL Syringes  |
| Kimtech 341133  | Large Kimwipes  |
| Kimtech 34155  | Small Kimwipes  |
| VWR 95042-566  | Chemical resistant marker  |
| Genesee 21-121W  | Cryogenic Storage Boxes  |
| Decon 2701  |  Ethanol 200 proof  |
| **Neutrophil Isolation**   |
| Stem Cell Technologies Catalog # 20144  | EasySep Buffer – Cell separation buffer  |
| Stem Cell Technologies Catalog # 19666  | EasySep Direct Human Neutrophil Isolation Kit  |
| Stem Cell Technologies Catalog # 18000  | EasySep Magnet (for up to 2mL whole blood) uses standard 12 x 75 mm (5mL) polystyrene tube  |
| Stem Cell Technologies Catalog # 18002  | Easy 50 EasySep Magnet (5 to 25mL whole blood) - uses standard 50mL conical tubes  |
| Qiagen Catalog # 1031576  | Buffer TCL  |
| **Miscellaneous**  |
| Grainger 1HUG6 (Fisher NC0484599)  | Igloo container  |