

Materials List for:

Isolation of Exosomes from the Plasma of HIV-1 Positive Individuals

Kateena Addae Konadu¹, Ming Bo Huang¹, William Roth¹, Wendy Armstrong², Michael Powell¹, Francois Villinger^{3,4}, Vincent Bond¹

¹Department of Microbiology, Biochemistry, Immunology, Morehouse School of Medicine

²Department of Medicine, Emory University School of Medicine

³Department of Pathology and Laboratory Medicine, Emory University School of Medicine

⁴Yerkes National Primate Research Center

Correspondence to: Vincent Bond at vbond@msm.edu

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Materials

| Name | Company | Catalog Number | Comments |
|---|--------------------------|----------------|--------------------------|
| BD Vacutainer EDTA tubes (10ml) | Becton Dickinson | 368589 | pink top tubes |
| Lymphoprep Ficoll reagent | Cosmo Bio | AXS-1114545 | |
| Optiprep iodixanol reagent | Sigma | D1556 | |
| 14ml ultracentrifuge tubes | Beckman Coulter | 344060 | ultraclear tubes |
| Gradient Former Model 485 | BIO-RAD | 165-4120 | |
| Acetylthiocholine iodide | Sigma | 1480 | |
| Benzoic Acid | Sigma | D8130 | |
| Sodium Bicarbonate | Sigma | S5761 | |
| Acetyl Cholinesterase | Sigma | C3389 | |
| 96-well clear microtiter plate | Medical Supply Partners | TR5003 | |
| SpectraMax 190 microplate reader | Molecular Devices | 190 | Fluorescent plate reader |
| Criterion Gel Electrophoresis Cell | BIO-RAD | 165-6001 | |
| Transblot Gel | BIO-RAD | 170-3910 | |
| Transfer Cell | | | |
| Tris-HCl Criterion precast gels | BIO-RAD | 567-1093 | |
| Anti-CD45 antibody | Abcam | Ab10558 | |
| CD63 Antibody (H-193) | Santa Cruz Biotech, Inc. | SC-15363 | |
| CD9 Antibody (H-110) | Santa Cruz Biotech, Inc. | SC-9148 | |
| Rabbit pAb p24 HIV-1 | ImmunoDX, LLC | 1303 | |
| Nitrocellulose membrane | BIO-RAD | G1472430 | |
| Tris Buffered Saline | BIO-RAD | 170-6435 | |
| HRP-conjugated IgG (H+L) secondary antibody | Thermo Scientific | 31460 | Goat-Anti-Rabbit |
| HRP-conjugated IgG (H+L) secondary antibody | Thermo Scientific | 31430 | Goat-Anti-Mouse |
| Western Blotting Luminol Reagent | Santa Cruz Biotech, Inc. | SC-2048 | |
| GE LAS-4010 Imager | GE Healthcare | LAS-4010 | |
| Human Procarta Cytokine Immunoassay Kit | Affymetrix | N/A | Custom immunoassay panel |
| Bio-Plex 200 Immunobead Reader | BIO-RAD | 171-000201 | |
| Coulter Z2 Particle Counter | Beckman Coulter | 383552 | Cell counter |
| Alexa Fluor 700-labeled anti-CD3 | BD Bioscience (UCHT1) | 300424 | |
| APC/Cy7-labeled anti-CD4 | Biolegend (OKT4) | 317418 | |
| PerCP-labeled anti-CD4 | BD Bioscience (RPA-T8) | 550631 | |

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| V450-labeled anti-CD8 | BD Bioscience (RPA-T8) | 560347 | |
| Biotin-labeled anti-CD45RA | BD Bioscience (HI100) | 555487 | |
| PE/Cy7-labeled anti-CD62L | Biolegend (DREG-56) | 304822 | |
| PE/Cy5-labeled anti-CD38 | Biolegend (HIT2) | 303508 | |
| APC/Cy7-labeled anti-HLADR | Biolegend (L243) | 307618 | |
| PE-Texas Red-labeled anti-streptavidin | BD Bioscience | 551487 | |
| PE/Cy5-labeled mouse IgG1K | Biolegend (MOPC-21) | 400116 | |
| APC/Cy7-labeled mouse IgG2aK | Biolegend (MOPC-173) | 400229 | |