

Materials List for:

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

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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	

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	