

Materials List for:

# Protein Digestion, Ultrafiltration, and Size Exclusion Chromatography to Optimize the Isolation of Exosomes from Human Blood Plasma and Serum

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## Materials

Name	Company	Catalog Number	Comments
Nanosight	Malvern	NS300	
Benchtop microcentrifuge	Thermo	Legend Mico21	
Benchtop centrifuge	Beckman Coulter	Allegra 6R	
Waterbath	Benchmark	B2000-4	
Microplate reader	BIOTEK	Epoch	
Pierce BCA Protein Assay Kit	THERMO	23227	
Micro BCA Protein Assay Kit	THERMO	23235	
Phosphate buffered saline	Corning	21-040-CV	
96 well plate	Corning	15705-066	
Amicon Ultra-0.5 Centrifugal Filter Unit with Ultracel-100 membrane	EMD-Millipore	UFC510096	
Amicon Ultra-4 Centrifugal Filter Units	EMD-Millipore	UFC800324	
Capto Core 700	GE Healthcare	17548103	
Poly-Prep Chromatography Columns	BIORAD	7311550	
NuPAGE 4-12% Bis-Tris Protein Gels	THERMO	NP0323BOX	
Nitrocellulose Membrane, Roll, 0.2 µm	BIORAD	1620112	
Proteinase K, <i>Tritirachium album</i>	EMD-Millipore	539480	
SimplyBlue SafeStain	THERMO	LC6065	
SIGMAFAST BCIP/NBT	Millipore-SIGMA	B5655	
4-Chloro-1-naphthol	Millipore-SIGMA	C6788	
Anti-CD63 Antibody (rabbit anti-human) with goat anti-rabbit HRP secondary antibody	SYSTEM BIOSCIENCES	EXOAB-CD63A-1	Primary and secondary antibodies
ALB Antibody (F-10)	SANTA CRUZ BIOTECHNOLOGY, INC.	sc-271605	Primary antibody
apoB Antibody (C1.4)	SANTA CRUZ BIOTECHNOLOGY, INC.	sc-13538	Primary antibody
apoA-I Antibody (B-10)	SANTA CRUZ BIOTECHNOLOGY, INC.	sc-376818	Primary antibody