

Materials List for:

# Isolation of Precursor B-cell Subsets from Umbilical Cord Blood

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URL: <https://www.jove.com/video/50402>

DOI: [doi:10.3791/50402](https://doi.org/10.3791/50402)

## Materials

Name	Company	Catalog Number	Comments
DPBS (1X)	Gibco by Life Technologies	14190-144	
Ficoll-Paque PLUS	GE Healthcare Bio-Sciences AB	17-1440-03	
LS Column	MACS Miltenyi Biotec	130-042-401	
MACS Multi Stand	MACS Miltenyi Biotec	130-042-303	
MidiMACS Separator	MACS Miltenyi Biotec	130-042-302	
B-Cell Isolation Kit (B CLL)	MACS Miltenyi Biotec	130-093-660	
Fetal Bovine Serum	ATLANTA Biologicals	S11195	
Microcentrifuge tube (1.5 ml)	MIDSCI	SS1500	
BD Pharmingen 7-AAD (7-Aminoactinomycin D)	BD Biosciences	559763	
DB Pharmingen APC Mouse Anti-Human CD19	BD Biosciences	555415	
DB Pharmingen PE Mouse Anti-Human CD34	BD Biosciences	560941	
CD45 FITC	BD Biosciences	347463	
autoMACS Rinsing Solution	MACS Miltenyi Biotec	130-091-222	
MACS BSA Stock Solution	MACS Miltenyi Biotec	130-091-376	
BD Falcon 5 ml Polystyrene Round-Bottom Tube	BD Biosciences	352058	
BD Falcon 50 ml Tube	BD Biosciences	352098	
PuraFlow Sheath Fluid, 8X	Beckman Coulter	CY30230	
FlowCheck Alignment beads	Beckman Coulter	6605359	
Ultra Rainbow Alignment beads	Spherotech	URFP-30-2	
ViroSafe Aerosol Evacuation Filter	Beckman Coulter	ML01330	
ABC Mouse bead kit	Invitrogen	A-10344	
40 µm cell strainer	Fisher Scientific	22363547	
Fisher Scientific Hemocytometer	Fisher Scientific	267110	
Microscope			
accuSpin Model 3R Benchtop Centrifuge	Fisher Scientific	13-100-516	
MoFlo XDP flow Cytometer	Beckman Coulter	ML99030	
Aerosol Evacuation Unit	Beckman Coulter		