

Materials List for:

# Isolation and Large Scale Expansion of Adult Human Endothelial Colony Forming Progenitor Cells

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## Materials

Name	Company	Catalog Number	Comments
Endothelial basal Medium-2	Lonza Inc.		500ml
EGM-2 SingleQuots	Lonza Inc.		EGF, hFGF-B, VEGF, IGF-1, Hydrocortisone, ascorbic acid
preservative-free Heparin	Biochrom AG		10U/ml per EGM-2
L-Glutamine	Sigma-Aldrich		2mM per EGM-2
Penicillin and Streptomycin	Sigma-Aldrich		100U/mL Penicillin and 100µg/mL Streptomycin per EGM-2
Trypsin/1mM EDTA	Invitrogen		7ml for T75 flask 70ml for CF-4
PBS			
Four-layered cell factory (CF-4)	Corning		
Sterile Funnel	Corning		
T75cm <sup>2</sup> culture flask (with vented cap)	Corning		
6 mL vacutainer tubes (preservative-free sodium heparin)	BD Biosciences		preloaded with 108 IU/6ml of preservative-free sodium heparin
50ml Falcon tubes	Falcon BD		
5ml Stripetts	Costar		
25ml Stripetts	Costar		
Squeezer	Costar		
0,2 pore size sterile filter	EMD Millipore		2x 500ml per EGM-2