Endothelial Colony Forming Cell Culture Medium

1. Required Equipment
   1) Class II biosafety cabinet.
   2) Pipet-Aid
   3) 1000μL Pipette

2. Required Supplies
   1) 10 mL sterile serological pipettes
   2) Sartolab RF, Filter Unit with Receiver flask, 500ml, 0.2um (180C2--------E)
   3) 1000μL Pipette tips (Starlab Filter Tips, S1122-1830)

3. Required Reagents
   1) Vasculife VEGF Cell Culture Medium 500mL (LifeLine Cell Technology, LL-0003)
   2) Stemulate Human Platelet Lysate (HPL, Cook Medical, PL-NH-100)

4. Preparing Endothelial Colony Forming Cell Culture Medium
   1) Exclude the FBS, phenol red and the antimicrobials that come with the supplement kits of Vasculife VEGF Cell Culture Medium.
   2) Add 10 mL of HPL to 500 mL of Vasculife VEGF basal medium.
   3) Add the remaining supplements that come with the Vasculife VEGF Cell Culture Medium (excluding FBS, phenol red and the antimicrobials).
   4) Filtrate the supplemented medium with Sartolab RF Filter Unit.