

	Endothelial Colony Forming Cell Culture Medium	
	Version: 1	

Endothelial Colony Forming Cell Culture Medium

1. Required Equipment

- 1) Class II biosafety cabinet.
- 2) Pipet-Aid
- 3) 1000 μ L Pipette

2. Required Supplies

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

3. Required Reagents

- 1) Vasculife VEGF Cell Culture Medium 500mL (LifeLine Cell Technology, LL-0003)
- 2) Stimulate 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.

