

Materials List for:

Parallel-plate Flow Chamber and Continuous Flow Circuit to Evaluate Endothelial Progenitor Cells under Laminar Flow Shear Stress

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Materials

Name	Company	Catalog Number	Comments
10 ml Syringe	Cole-Parmer	07940-12	
1-Way Stopcocks	Cole-Parmer	30600-00	
30 ml Syringe	BD Biosciences	309650	
4 -Way Stopcocks	Cole-Parmer	30600-04	
Aluminum Alloy	N/A	6061	
Cell-Culture Dishes (4-well, rectangular)	Thermo Fisher Scientific, Inc.	267061	
Cell Tracker Orange	Invitrogen	C34551	
DMSO	Research Organics	2162D	
DPBS (-/-)	Invitrogen	14190-144	
EGM-2 Singlequots	Lonza Inc.	CC-4176	
Female Luer Adaptor	Cole-Parmer	SI-45500-04	
Fibronectin	Sigma-Aldrich	F0895-2MG	
Glass Bottle (250ml) with Cap	Cole-Parmer	34594-24	
Hard Tubing	Cole-Parmer	06508-16	
HBSS	Sigma-Aldrich	H8264-500ML	
Histopaque	Sigma-Aldrich	H8889-500ML	
H-chst Stain Solution	Sigma-Aldrich	H6024	
Hyclone FBS	Thermo Fisher Scientific, Inc.	SH30071.01	
L-glutamine	Lonza Inc.	17-605E	
Male Luer Adaptor	Cole-Parmer	EW-45505-04	
MCDB-131, 1X Medium	Cellgro	15-100-CV	
Barbed Polypropylene Fittings	Cole-Parmer	06365-90	
O-Rings	N/A	AS568A	
Pulse-Dampener	Cole-Parmer	07596-20	
Pump-Drive (Masterflex L/S variable-speed economy drive)	Cole-Parmer	7524-40	
Pump-Head (Masterflex Easy Load Pump Head)	Cole-Parmer	07518-60	
Slide	Cole-Parmer	48500-00	
Soft Tubing	Cole-Parmer	96400-16	
Syringe filter	Cole-Parmer	02915-12	

Sytox Orange Nucleic Acid Stain	Invitrogen	S-11368	
Trypsin EDTA	Lonza Inc.	CC-5012	
Trypsin Neutralizing Solution	Lonza Inc.	CC-5002	