

Materials List for:

Human Neutrophil Flow Chamber Adhesion Assay

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Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin/EDTA	Life technologies	25200-056	with Phenol Red
2x Trypsin inhibitor	Life technologies	R-002-100	
35 mm tissue culture dish	Corning Inc.	430165	Standard Tissue Culture Treated Surface
75 cm ² tissue culture flask	Corning Inc.	430641	Standard Tissue Culture Treated Surface
CCD camera	Dage-MTI	Model 300T-RC	
Cell freezing container	Biocision	BCS-045	
EBM-2	Lonza Inc.	CC-3156	HUVEC growth basal medium
EGM-2 Bulletkit	Lonza Inc	CC-4176	HUVEC growth factors for basal medium
FBS	Life technologies	10082-147	Certified, Heat Inactivated
Gelatin	Sigma	G9391	from bovine skin
Hemocytometer	Fisher scientific	02-671-51B	
Fibronectin	Sigma	F2006	from human plasma
Flow chamber	Glyco Tech	31-001	Circular flow chamber for 35 mm dishes
fMLP	Sigma	47729	
Histopaque-11191	Sigma	11191	Heavy Ficoll
HUVEC	Lonza Inc.	CC-2517A	
ICAM-1	R&D Systems	720-IC	Fc chimera
Lymphocyte separation medium	Mediatech Inc.	25072CV	Light Ficoll
Microscope	Zeiss	Axiovert 100	
RPMI 1640 medium	Life technologies	11875	with L-glutamine and Phenol Red
Protein A	Sigma	P6031	resuspend in PBS
P-Selectin	R&D Systems	137-PS	Fc chimera
Syringe pump	KD Scientific	KDS270	
TNF- α	Life technologies	PHC3015	Recombinant Human Protein
Trypan Blue Solution, 0.4%	Life technologies	15250-061	