

Materials List for:

Assay of Adhesion Under Shear Stress for the Study of T Lymphocyte-Adhesion Molecule Interactions

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Materials

Name	Company	Catalog Number	Comments
T cell samples (cell line or primary)	ATCC	TIB-152	Peripheral human T cells
CHO-ICAM-1 cells	ATCC	CRL-2093	
μ-Slide VI 0.4 ibiTreat	ibidi	80606	
500 ml glass bottle	Fisher	FB800500	
250 ml glass bottle	Fisher	FB800250	
Silicone tubing 0.8 mm	ibidi	10841	
Confocal microscope with incubator chamber	Ziess	700	Any wide field fluorescent microscope
Syringe pump	New Era Pump Systems	NE-300	
60 ml syringe	BD	309653	
CFSE	eBioscience	65-0850	
SDF-1α	R&D	350-NS-010/CF	
RPMI	Lonza	12-702F/12	
PBS	Lonza	17-516F	
Microcentrifuge	Eppendorf	5424	
D-Glucose	Sigma Aldrich	G8270	
PMA	Sigma Aldrich	16561-29-8	
Volocity software	Perkin Elmer	Version 6.2.1	
ImageJ software	NIH	Version 1.48V	
Tissue-culture treated culture dishes	Falcon	353003	
Trypsin-EDTA (0.25%) Phenol Red	Gibco	25200114	
Heat Inactivated FBS	Denville	FB5001-H	
Penicillin/Streptomycin	Fisher	BP295950	