

Materials List for:

Imaging of HIV-1 Envelope-induced Virological Synapse and Signaling on Synthetic Lipid Bilayers

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Materials

Name	Company	Catalog Number	Comments
His tagged HIV gp120	Gift from Dr. Cho		DH12
His tagged HIV gp120	Immune Technology		Various X4 or R5 tropic
HSA	Williams Medical Company	521302	Human Serum Albumin 25%
Amicon Ultra Centrifugal Filters	EMD Millipore	UFC803024	Ultracel-30K
Lck Rabbit mAb	Cell Signaling Technology	2787	
p-Lck Rabbit pAb	Santa Cruz Biotechnology, Inc.	Sc-101728	Tyr 394
Fyn Rabbit mAb	EMD Millipore	04-353	
Alexa Fluor 568 2° Ab	Molecular Probes, Life Technologies	A11034	Goat anti-Rabbit IgG (H+L)
Alexa Fluor 488	Molecular Probes, Life Technologies	A-20000	carboxylic acid succinimidyl ester
FCS2 Chamber	Biopetech	060319-2-03	
Microaqueduct Slide	Biopetech	130119-5	
30mm Round w/holes	Biopetech	1907-08-750	0.75mm thick
Rectangle Gasket	Biopetech	1907-1422-250	14x24 0.25mm thick
Tygon Tubing	Biopetech	20202275	1/16" (25ft)
Three-way Stopcock	Bio-Rad	7328103	
Two-way Stopcock	Bio-Rad	7328102	
Sticky Slide I ^{0.2} Luer	Ibidi	80168	
Cover glasses	Ibidi	10812	
1ml syringe	BD Biosciences	309659	
DOGS-NTA	Avanti Polar Lipid, Inc	790404C	
DOPC	Avanti Polar Lipid, Inc	850375C	
Glass coverslip	Biopetech	40-1313-0319	40mm
TIRF microscope	Nikon Instruments		
ImageJ	National Institutes of Health		http://rsbweb.nih.gov/ij/