

Materials List for:

Proteome-wide Quantification of Labeling Homogeneity at the Single Molecule Level

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Materials

Name	Company	Catalog Number	Comments
22x22x0.15 mm coverslip	VWR	470019-004	
488 nm Argon laser	Coherent	Innova 70C	
488 nm dichroic mirror	Semrock	FF495-Di03	
488 nm emission filter	Semrock	FF02-520/28	
560 nm dichroic filter	Semrock	Di02-R561	
560 nm emission filter	Semrock	FF02-617/73	
560 nm fiber laser	MBP Communications	F-04306-2	
60x oil immersion lens	Olympus	PLAPON 60x	
Avidin	Nacalai-tesque	03553-64	
Biotin-PEG-amine	Thermo Scientific	21346	
Biotinylated Alexa Fluor 488	Nanocs		
Borate	Nacalai-tesque		
BSA	Sigma-Aldrich	A9547	
CHAPS	Dojindo	C008-10	
Cy3 NHS-ester dye	GE Healthcare	PA13101	
Dialyzer - D-tube, 6-8 kDa	Merck Millipore	71507-M	
DMEM	Sigma-Aldrich		
DTT	Nacalai-tesque	14112-94	
EDC	Nacalai-tesque		
EMCCD camera	Andor	liXon 897	
Epi fluorescence microscope	Olympus	IX81	
Gel viewer	GE Healthcare	ImageQuant LAS 4000	
Penicillin, streptomycin and Amphoterecin mix	Gibco		
Plasma cleaner	Diener Electronic		
SDS	Wako	NC0792960	
Size purification column 10K	Merck Millipore	UFC5010	
Tween 20	Sigma-Aldrich	P9416	