

Materials List for:

Easy Measurement of Diffusion Coefficients of EGFP-tagged Plasma Membrane Proteins Using k-Space Image Correlation Spectroscopy

Eva C. Arnspang¹, Jennifer S. Koffman¹, Saw Marlar¹, Paul W. Wiseman², Lene N. Nejsum¹

¹Institute of Molecular Biology and Genetics and Interdisciplinary Nanoscience Center, Aarhus University

²Departments of Chemistry and Physics, McGill University

Correspondence to: Eva C. Arnspang at arnspang@mb.au.dk, Lene N. Nejsum at nejsum@mb.au.dk

URL: <https://www.jove.com/video/51074>

DOI: [doi:10.3791/51074](https://doi.org/10.3791/51074)

Materials

Name	Company	Catalog Number	Comments
DMEM	Gibco	31600-083	
FBS	Invitrogen	10082147	
Penicilin	Sigma	13752	
Kanamycin	Gibco	15160070	
Streptomycin	Gibco	11860038	
Phenol red free medium	Gibco	11880-028	
DMSO	Sigma	D8418	
HEPES	Gibco	15630056	
Apparatus			
Spinning Disk Microscope	Nikon	Ti Eclipse	
EMCCD Camera	Andor	Ixon+	