

Materials List for:

Determination of Lipid Raft Partitioning of Fluorescently-tagged Probes in Living Cells by Fluorescence Correlation Spectroscopy (FCS)

Catherine Marquer¹, Sandrine Lévêque-Fort^{2,3}, Marie-Claude Potier¹

¹Centre de Recherche de l'Institut du Cerveau et de la Moelle Épineière, Hôpital de la Pitié-Salpêtrière

²Institut des Sciences Moléculaires d'Orsay, Université Paris-Sud

³Centre de Photonique Biomédicale du Centre Laser, Université Paris-Sud

Correspondence to: Catherine Marquer at catherine.marquer@upmc.fr

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Materials

Name	Company	Catalog Number	Comments
Cholera toxin subunit B-Alexa 488	Invitrogen	C-34775	MW (pentamer) = 57 kg/mol
Confocal microscope	Leica Microsystems	SP5	
Incubator for temperature and CO ² control	Life imaging services	The Cube and the Box	
SPAD (Single Photon Avalanche Diode)	MPD (Micro Photon Devices)	PDM serie (100 µm sensitive area)	
High pass 488 nm filter	Semrock	488 nm blocking edge BrightLine long-pass filter Part # FF01-488/LP-25	
FCS detection unit	Picoquant	Picoharp 300 module	
Acquisition and auto-correlation software	Picoquant	SymPhoTime	
Fitting software	OriginLab	OriginPro8	