

Materials List for

# FLIM-FRET Measurements of Protein-Protein Interactions in Live Bacteria.

Hanna Manko<sup>1</sup>, Vincent Normant<sup>2,3</sup>, Quentin Perraud<sup>2,3</sup>, Tania Steffan<sup>1</sup>, Véronique Gasser<sup>2,3</sup>, Emmanuel Boutant<sup>1</sup>, Éléonore Réal<sup>1</sup>, Isabella J. Schalk<sup>2,3</sup>, Yves Mély<sup>1</sup>, Julien Godet<sup>1,4</sup>

<sup>1</sup>Université de Strasbourg, Laboratoire de Bioimagerie et Pathologies, UMR CNRS 7021 <sup>2</sup>Université de Strasbourg, UMR 7242, ESBS <sup>3</sup>CNRS, UMR 7242, ESBS <sup>4</sup>Groupe Méthode Recherche Clinique, Hôpitaux Universitaires de Strasbourg

## Corresponding Author

**Julien Godet**

julien.godet@unistra.fr

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jove.com/video/61602

## Materials

Name	Company	Catalog Number	Comments
525/50 nm band-pass filter	F37-516, AHF, Germany		
680 nm short pass filter	F75-680, AHF, Germany		
Agarose	Sigma-Aldrich	A9539	
Ammonium Sulfate (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	Sigma-Aldrich	A4418	
DreamTaq DNA polymerase 5U/μL	ThermoFisher Scientific	EP0714	
E. coli TOP10	Invitrogen	C404010	
Fiber-coupled avalanche photo-diode	SPCM-AQR-14- FC, Perkin Elmer		
Glass coverslips (Thickness No. 1.5, 20×20mm)	Knitel glass	MS0011	
High-Fidelity DNA polymerase Phusion 2U/μL	ThermoFisher Scientific	F530S	
Lysogeny broth (LB)	Millipore	1.10285	
Magnesium Sulfate Heptahydrate (MgSO <sub>4</sub> · 7H <sub>2</sub> O)	Sigma-Aldrich	10034-99-8	
Microscope slides (25×75mm)	Knitel glass	MS0057	
NucleoSpin Gel and PCR Clean-up	Macherey-Nagel	740609.50	
NucleoSpin Plasmid	Macherey-Nagel	740588.10	
Potassium Phosphate Dibasic (K <sub>2</sub> HPO <sub>4</sub> )	Sigma-Aldrich	RES20765	
Potassium Phosphate Monobasic (KH <sub>2</sub> PO <sub>4</sub> )	Sigma-Aldrich	P5655	
Sodium Succinate (Disodium)	Sigma-Aldrich	14160	
SPCImage, SPCM software	Becker & Hickl		
Sterile inoculating loop	Nunc	7648-1PAK	
T4 DNA ligase 1U/μL	ThermoFisher Scientific	15224017	
TCSPC module	SPC830, Becker & Hickl, Germany		
Ti:Sapphire laser	Insight DeepSee, Spectra Physics		

Tubes 50mL	Falcon	352070	
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