

Materials List for:

Simultaneous Multicolor Imaging of Biological Structures with Fluorescence Photoactivation Localization Microscopy

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URL: <https://www.jove.com/video/50680>

DOI: [doi:10.3791/50680](https://doi.org/10.3791/50680)

Materials

Name	Company	Catalog Number	Comments
LabTek II chambers	Nunc		
Fluorescent beads	Invitrogen	F-8801	Beads for calibration
Tetraspeck beads	Invitrogen	T-7279	Four color beads for calibration
Objective immersion oil	Zeiss	518F	Immersion oil for high NA objective (dependent on choice of objective)
HPLC water	Fisher Scientific	W5-4	
Media	ATCC	30-2003	Or Cellgro 10-090
Antibiotics	GIBCO	15070-063	
serum	Thermo Scientific	SH30087.03	
Lipofectamine	Invitrogen	52887	
Optimem I	GIBCO	11058-021	
Trypsin	MPBiomedicals	1689149	
paraformaldehyde	Fisher Scientific	AA433689M	CAUTION: Toxic