

Materials List for:

# Cell Membrane Repair Assay Using a Two-photon Laser Microscope

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URL: <https://www.jove.com/video/56999>

DOI: [doi:10.3791/56999](https://doi.org/10.3791/56999)

## Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle Medium (DMEM)	Thermo Fisher	11320033	
Fetal Bovine Serum	Sigma-Aldrich	F1051	
Penicillin-Streptomycin (10,000 U/mL)	Thermo Fisher	15140122	
Trypsin-EDTA (0.05%), phenol red	Thermo Fisher	25300062	
Dulbecco's Phosphate Buffered Saline	Sigma-Aldrich	D8537	
35mm collagen-coated glass-bottom dishes	MatTek	P53GCOL-1.5-14-C	
Serum-deprived media	Thermo Fisher	31985070	
Transfection reagent	Thermo Fisher	15338100	
FM 4-64 Dye	Invitrogen	T13320	
Tyrode's Salts Solution	Sigma-Aldrich	T2397	
Confocal laser scanning microscope	Carl Zeiss	NA	
Chameleon Two-photon laser	Coherent	NA	