

Materials List for:

Visualization of G3BP Stress Granules Dynamics in Live Primary Cells

Sophie Martin¹, Jamal Tazi¹

¹Institut de Génétique Moléculaire de Montpellier, CNRS UMR 5535

Correspondence to: Sophie Martin at martinsophie.univ@yahoo.fr

URL: <https://www.jove.com/video/51197>

DOI: [doi:10.3791/51197](https://doi.org/10.3791/51197)

Materials

Name	Company	Catalog Number	Comments
DMEM/F12	Gibco	21331	Prewarm at 37 °C
Sodium pyruvate	Gibco	11360	
Nonessential amino acids	Gibco	11140	
L-Glutamine	Gibco	25030	
Trypsin	Gibco	15096	
Glass bottom B-35	Greiner	627860/627861	Treated or not (treated: increases attachment of adherent cells)
Poly-L-lysine	Sigma-Aldrich	P2636	
DMEM	Gibco	31966	Prewarm at 37 °C
HeBS	Sigma-Aldrich	51558	
Neurobasal	Gibco	21103	Prewarm at 37 °C
2-mercaptoethanol	Gibco	31350	
Forceps	Biotek	DU-110-A	Very thin, tips 0.1 mm (useful to remove meninges)
Curved forceps	Biotek	P-110-BUF	Very thin, tips 0.1 mm
Small scissors	Biotek	CM-85-BS	Can be useful to remove hippocampi
Polyplus transfection JetPEI reagent	Ozyme	101-10	MEFs transfection, follow the forward protocol
Inverted laser scanning confocal microscope	Leica	SP5	