

Materials List for:

Live Cell Imaging of F-actin Dynamics via Fluorescent Speckle Microscopy (FSM)

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URL: <https://www.jove.com/video/1325>

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Materials

Injection buffer (IB)

50 mM potassium glutamate
0.5 M MgCl₂ (*APPENDIX 2A*)
Store up to 2 years at -20° C

G-buffer

2 mM Tris#Cl, pH 8.0 (*APPENDIX 2A*)
0.2 mM CaCl₂ (*APPENDIX 2A*)
Add just before use:
0.2 mM ATP (see recipe for 100 mM)
0.5 mM 2-mercapt-ethanol
Store up to 1 day at 4° C