

**Materials List for:**

# Monitoring Dynamic Changes In Mitochondrial Calcium Levels During Apoptosis Using A Genetically Encoded Calcium Sensor

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URL: <https://www.jove.com/video/2579>

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## Materials

Name	Company	Catalog Number	Comments
Inverted wide-field fluorescent calcium imaging microscope	Nikon Instruments	MEA53310	Any wide-field inverted microscope equipped with 380 nm/495 nm excitation filters and appropriate longpass and emission filter can be easily adapted to use this protocol.
Imaging Software	Molecular Devices	Metafluor	
Attotfluor cell chamber	Invitrogen	A-7816	Any imaging chamber for an inverted microscope which allows perfusion would suffice.
Lipofectamine 2000	Invitrogen	11668-019	Most transfection reagents/ protocols would be appropriate for these studies
MitoTracker Red CMXRos	Invitrogen	M7512	