

**Materials List for:**

# Determination of Mitochondrial Membrane Potential and Reactive Oxygen Species in Live Rat Cortical Neurons

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URL: <https://www.jove.com/video/2704>

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## Materials

Name	Company	Catalog Number	Comments
Glass bottom culture dish	MatTek Corp.	P35G-1.5-14-C	
NbActive4	BrainBits	NbActive4	
TMRM	Invitrogen	T668	
H <sub>2</sub> DCF-DA	Invitrogen	C400	
NaCl	Sigma-Aldrich	S6191	
KCl	Sigma-Aldrich	P3911	
CaCl <sub>2</sub> ·2H <sub>2</sub> O	Sigma-Aldrich	C3306	
MgCl <sub>2</sub> ·6H <sub>2</sub> O	Sigma-Aldrich	M2670	
D-Glucose	Sigma-Aldrich	G6152	
HEPES	Invitrogen	15630	