

Materials List for:

Neuronal Nuclei Isolation from Human Postmortem Brain Tissue

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URL: <https://www.jove.com/video/914>

DOI: [doi:10.3791/914](https://doi.org/10.3791/914)

Materials

Reagents:		
1. Lysis Buffer		
0.32M	Sucrose	5.47 g
5 mM	CaCl ₂	250 µl
3 mM	Mg(Acetate) ₂	150 µl
0.1 mM	EDTA	10 µl
10mM	Tris-HCl, pH8	500 µl
1 mM	DTT	17 µl
0.1%	Triton X-100	50 µl
Adjust volume to 50 ml with Autoclaved water		
2. Sucrose Solution		
1.8 M	Sucrose	30.78 g
3 mM	Mg(Acetate) ₂	150 µl
1 mM	DTT	17 µl
10 mM	Tris-HCl, pH8	500 µl
Adjust volume to 50 ml with Autoclaved water		
3. Dounce buffer		
10 mM	Tris	0.242 g
4 mM	MgCl ₂	0.163 g
1 mM	CaCl ₂	0.03 g
Adjust pH to 7.5 and volume to 200 ml with Autoclaved water		