

Materials List for:

# LabVIEW-operated Novel Nanoliter Osmometer for Ice Binding Protein Investigations

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URL: <https://www.jove.com/video/4189>

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## Materials

Name	Company	Catalog Number	Comments
Immersion oil Type B	Cargille Laboratories	16484	
Drierite	W.A. Hammond Drierite	043063 2270g	
Micro 90 cleaning solution	 Cole-Parmer	EW-18100-11	
Capillary puller	Narishige	PB-7	
Glass capillary tubes	Brand GNBH	7493 21	75 mm long, 1.15 diameter
Temperature controller	Newport, Irvine, California, United States	Model 3040	Model 3040
Light microscope	Olympus	Model BH2	
10x objective	Olympus		S Plan 10, 0.3, 160/0.17
50x objective	Nikon		CF plan, 50X/0.55 EPI ELWD
CCD Camera	Provideo	CVC-140	
Tygon tubes	Saint-Gobain, Paris, France		Tygon Formulation S-50-HL Tubing
Glass syringe (2 ml)	Poulsen-Graf, Wertheim, Germany	7 10227	
GPB-PCI card	National instruments, Austin, Texas, USA	778032-01	
Video frame grabber IMAQ-PCI-1407	National instruments, Austin, Texas, USA	322156B-01	
LabVIEW System Design Software	National instruments, Austin, Texas, USA	Version 8	
DiVx Author software	DiVx LLC, San Diego, CA, USA		