

Materials List for:

Determining the Ice-binding Planes of Antifreeze Proteins by Fluorescence-based Ice Plane Affinity

Koli Basu¹, Christopher P. Garnham², Yoshiyuki Nishimiya³, Sakae Tsuda³, Ido Braslavsky⁴, Peter Davies¹

¹Department of Biomedical and Molecular Sciences, Queen's University

²National Institute of Neurological Disorders and Stroke, Porter Neuroscience Research Center

³Research Institute of Genome-Based Biofactory, National Institute of Advanced Industrial Science and Technology

⁴The Robert H. Smith Faculty of Agriculture, Food and Environment, Institute of Biochemistry, Food Science, and Nutrition, The Hebrew University of Jerusalem

Correspondence to: Peter Davies at peter.davies@queensu.ca

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Materials

Name	Company	Catalog Number	Comments
NESLAB RTE Refrigerating Bath/ Circulators	Thermo Scientific	RTE7	
Ethylene glycol, Premixed Antifreeze/Coolant	Certified	29-3037-0	Common automotive antifreeze
Cold finger	not available	not available	Custom made with brass (9 cm long, 1.5 cm outer diameter)
Hemispherical cup	not available	not available	Custom made with resin (8 cm outer diameter, 6 cm inner diameter)
High Dual Output Lighting System	Lighttools Research	LT-99D2, Illumatools DLS 120 volts AC, LT-9470FX, LT-9549FX	Additional and custom excitation filters can be purchased from Lighttools Research
Camera	Canon	EOS 50D	
Emission Filters	Lighttools Research	LT-9EFPVG, LT-9GFPVG, LT-9RFPVG	Filter ring adapter may be required to fit filter onto camera lens