

Materials List for:

A Method for Extracting Pigments from Squid *Doryteuthis pealeii*

Christopher W. DiBona¹, Thomas L. Williams¹, Sean R. Dinneen¹, Stephanie F. Jones Labadie¹, Leila F. Deravi^{1,2}

¹Department of Chemistry, University of New Hampshire

²Materials Science Program, University of New Hampshire

Correspondence to: Leila F. Deravi at Leila.Deravi@unh.edu

URL: <https://www.jove.com/video/54803>

DOI: [doi:10.3791/54803](https://doi.org/10.3791/54803)

Materials

Name	Company	Catalog Number	Comments
Collagenase	Alfa Aesar	9001-12-1	No hazard
Dithiothreitol	Sigma-Aldrich	3482-12-3	Irritant, acute toxicity
HEPES	Sigma-Aldrich	7365-45-9	Mild irritant
Hydrochloric acid	EMD Chemicals	7647-01-0	Corrosive
k-Aspartate	Sigma-Aldrich	1115-63-5	Reacts violently with oxidants
Magnesium Chloride	Sigma-Aldrich	7786-30-3	Mild eye irritant
Methanol	Pharmco-AAPER	67-56-1	Highly flammable
Mini tablet protease inhibitor	Sigma-Aldrich	469315-90-01	Corrosive to metal and skin
Papain	Sigma-Aldrich	9001-73-4	Irritant