

Materials List for:

# Alginate Hydrogels for Three-Dimensional Organ Culture of Ovaries and Oviducts

Shelby M. King<sup>\*1</sup>, Suzanne Quartuccio<sup>\*1</sup>, Tyvette S. Hilliard<sup>\*1</sup>, Kari Inoue<sup>1</sup>, Joanna E. Burdette<sup>1</sup>

<sup>1</sup>Medicinal Chemistry and Pharmacognosy, University of Illinois at Chicago

\*These authors contributed equally

Correspondence to: Joanna E. Burdette at [joannab@uic.edu](mailto:joannab@uic.edu)

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## Materials

Name	Company	Catalog Number	Comments
Leibovitz L-15 medium	GIBCO, by Life Technologies	11415	
αMEM medium	GIBCO, by Life Technologies	12000-022	
Sodium alginate	NovaMatrix		
Sodium cacodylate	Sigma-Aldrich	C0250	
Polypropylene mesh fiber	McMaster-Carr		45" wide roll; 0.0041" opening
Lipofectamine 2000	Invitrogen	11668	
Penicillin/streptomycin	GIBCO, by Life Technologies	15070-063	
Alginate lyase	Sigma-Aldrich	A1603	
A1603	Sigma-Aldrich	C9697	From <i>Clostridium histolyticum</i>
Bovine serum albumin	MP Biomedicals	103700	
Fetal bovine serum	GIBCO, by Life Technologies	Gibco	
ITS solution	Roche Group	11074547001	Insulin/transferrin/sodium selenite
Cytokeratin 8 antibody	Developmental Studies Hybridoma Bank	TROMA-1	Use at 1:200
DAPI	Vector Laboratories	H1200	
Bromodeoxyuridine	Sigma-Aldrich	B50002-1G	Final concentration 10 μM