

Materials List for:

Ex Vivo Organotypic Corneal Model of Acute Epithelial Herpes Simplex Virus Type I Infection

Oleg Alekseev¹, Anh H. Tran¹, Jane Azizkhan-Clifford¹

¹Department of Biochemistry and Molecular Biology, Drexel University College of Medicine

Correspondence to: Jane Azizkhan-Clifford at Jane.Clifford@DrexelMed.edu

URL: <https://www.jove.com/video/3631>

DOI: [doi:10.3791/3631](https://doi.org/10.3791/3631)

Materials

Name	Company	Catalog Number	Comments
Minimum Essential Medium (MEM)	Mediatech, Inc.	10-010-CV	
Non-Essential Amino Acids (100x solution)	Mediatech, Inc.	25-025-CI	
L-Glutamine	Mediatech, Inc.	25-005-CI	
Penicillin G Sodium Salt	Sigma-Aldrich	P3032	
Streptomycin Sulfate Salt	Sigma-Aldrich	S9137	
Agarose	Invitrogen	15510-027	
Phosphate Buffered Saline (PBS)	Prepared in Lab	N/A	
Trypsin EDTA (1x)	Mediatech, Inc.	25-053-CI	
DNeasy Blood & Tissue Kit	Qiagen	69504	
RNeasy Mini Kit	Qiagen	74104	
Laemmli Buffer	Prepared in Lab	N/A	
Optimal Cutting Temperature (OCT) Compound	Tissue-Tek	4583	
Whole Rabbit Eyes (Young)	Pel-Freez Biologicals	41211-2	
Human Corneas and Whole Eyes	Local Supplier	N/A	
12 Well Porcelain Spot Plate	Avogadro's Lab Supply	1877	
35 mm Tissue Culture Dish	Falcon BD	353001	
6 Well Cell Culture Plate	Greiner Bio-One	657160	
Cryomold Intermediate	Tissue-Tek	4566	