

Materials List for

A Simplified Method for Isolation and Culture of Retinal Pigment Epithelial Cells from Adult Mice

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Citation

Hubal, A., Pfaff, A., Vos, S., Upadhyay, M., Bonilha, V., Subauste, C.S. A Simplified Method for Isolation and Culture of Retinal Pigment Epithelial Cells from Adult Mice. *J. Vis. Exp.* (2024), e66921, doi:10.3791/66921 (2024).

Date Published

May 24, 2024

DOI

10.3791/66921

URL

jove.com/video/66921

Materials

Name	Company	Catalog Number	Comments
0.009 RD Single-Edge Blades	Personna	941202	
Dulbecco's Modified Eagle's Medium (DMEM)	Corning	10-013-CV	with 4.5 g/L glucose, L-glutamine, sodium pyruvate
Fetal bovine serum	Corning	35010CV	
GlutaMAX, 100x	Gibco	35050061	
Hank's Balanced Salt Solution	Gibco	14175095	no Calcium, no magnesium, no phenol red
HEPES Buffer Solution (1M)	Gibco	15630106	
MEM Non-Essential Amino Acids, 100x	Gibco	11140050	
Micro-Unitome Knife	BVI Beaver	377546	
Penicillin-Streptomycin Solution, 100x	Corning	30-002-CI	
Polystyrene Microplates	Falcon	08-772-1	24-well or 48-well
Regular Fetal Bovine Serum	Corning	35-010-CV	
Trypsin-EDTA (0.25%)	Gibco	25200056	with phenol red
Vannas scissors	Fine Science Tools	10091-12	