

Materials List for

# Anterior Segment Organ Culture Platform for Tracking Open Globe Injuries and Therapeutic Performance

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## Citation

Boice, E.N., Snider, E.J. Anterior Segment Organ Culture Platform for Tracking Open Globe Injuries and Therapeutic Performance. *J. Vis. Exp.* (174), e62649, doi:10.3791/62649 (2021).

## Date Published

August 25, 2021

## DOI

10.3791/62649

## URL

jove.com/video/62649

## Materials

| Name  | Company                     | Catalog Number | Comments |
|---|-----------------------------|----------------|----------|
| 10-32 Polycarbonate straight plug, male threaded pipe connector | McMaster-Carr               | 51525K431      |          |
| 10-32 Socket cap screw, 1/2"                                    | McMaster-Carr               | 92196A269      |          |
| 10 mL syringe   | BD                          | 302995         |          |
| 20 mL syringe   | BD                          | 302830         |          |
| Anti-Anti   | Gibco                       | 15240-096      |          |
| Ball-End L key  | McMaster-Carr               | 5020A25        |          |
| Betadine  | Fisher Scientific           | NC1696484      |          |
| BD Intramedic PE 160 Tubing                                     | Fisher Scientific           | 14-170-12E     |          |
| Cotton swabs  | Puritan                     | 25-8061WC      |          |
| DMEM media  | ATCC                        | 30-2002        |          |
| FBS   | ATCC                        | 30-2020        |          |
| Fine forceps  | World Precision Instruments | 15914          |          |
| Gauze   | Covidien                    | 8044           |          |
| Gentamicin  | Gibco                       | 15710-064      |          |
| Glutamax  | Gibco                       | 35050-061      |          |
| High temperature silicone O-ring, 2 mm wide, 4 mm ID            | McMaster-Carr               | 5233T47        |          |
| Large forceps   | World Precision Instruments | 500365         |          |
| Large surgical scissors   | World Precision Instruments | 503261         |          |
| Medium toothed forceps  | World Precision Instruments | 501217         |          |
| Nail (puncture object)  | McMaster-Carr               | 97808A503      |          |
| Nylon syringe filters   | Fisher                      | 09-719C        |          |
| PBS   | Gibco                       | 10010-023      |          |
| Petri dish (100 mm)   | Fisher                      | FB0875713      |          |
| Polycarbonate, three-way, stopcock with male luer lock          | Fisher                      | NC9593742      |          |
| Razor blade   | Fisher                      | 12-640         |          |

|  |                             |           |  |
|--|-----------------------------|-----------|--|
| Stainless steel 18 G 90 degree angle dispensing needle | McMaster-Carr               | 75165A81  |  |
| Stainless steel 18 G straight 1/2" dispensing needle   | McMaster-Carr               | 75165A675 |  |
| Sterile 100 mL beakers with lids                       | VWR                         | 15704-092 |  |
| Vannas scissors  | World Precision Instruments | WP5070    |  |