

**Materials List for:**

# Generation of Three-dimensional Printed Biological Innovative Mold for Optically Transparent Tissue Specimens

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## Materials

| Name                            | Company                      | Catalog Number | Comments                                            |
|---------------------------------|------------------------------|----------------|-----------------------------------------------------|
| Acrylamide                      | Sigma                        | A9099          |                                                     |
| bisacrylamide                   | VWR                          | 0172-50G       |                                                     |
| paraformaldehyde                | Electron Microscopy Sciences | 15714-S        |                                                     |
| PBS                             | Quality Biological           | 119-069-131    |                                                     |
| thermal initiator               | Wako Chemicals               | VA-044         |                                                     |
| sodium dodecyl sulfate          | Bio-Rad                      | 161-0302       |                                                     |
| boric acid                      | Sigma                        | B-7660         |                                                     |
| Triton X-100                    | Sigma                        | X100           |                                                     |
| focus clear                     | CEDARLANE                    | F101-KIT       |                                                     |
| Google Sketchup                 |                              |                |                                                     |
| Camera                          |                              |                | we used an iPhone 7 camera                          |
| 3D Printer                      | M3D                          | Micro +        |                                                     |
| PLA plastic roll for 3D Printer | M3D                          | 3D Ink         | no catalog number listed, we use black PLA filament |