

Materials List for:

# Using a Laminating Technique to Perform Confocal Microscopy of the Human Sclera

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URL: <https://www.jove.com/video/53920>

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## Materials

| Name                                          | Company                             | Catalog Number | Comments |
|-----------------------------------------------|-------------------------------------|----------------|----------|
| 96% ethanol                                   | Merck Chemicals, Darmstadt, Germany | P075.4         |          |
| binocular stereo microscope                   | Motic, Hongkong, China              | n.a            |          |
| 26 G needles                                  | Terumo, Leuven, Belgium             | 303800         |          |
| 15.5 mm trepan                                | Geuder, Heidelberg, Germany         | n.a            |          |
| no.10 scalpel                                 | Feather, pfm medical, Osaka, Japan  | 2E+08          |          |
| ophthalmic scalpel micro feather              | Feather, pfm medical, Osaka, Japan  | no. 7657BR     |          |
| CD 31 antibody (monoclonal mouse anti human)  | Dako, USA                           | IR610          |          |
| LYVE1 antibody (polyclonal rabbit anti human) | Zytomed, Germany                    | RBK014-05      |          |
| goat anti mouse FITC antibody                 | Sigma Aldrich, Steinheim, Germany   | F0257          |          |
| goat anti rabbit Cy3 antibody                 | Dianova, Germany                    | 111-165-003    |          |
| Goat Serum normal                             | Dako, Glostrup, Denmark             | X090710-8      |          |
| DAPI                                          | Carl Roth GmbH, Karlsruhe, Germany  | 6335.1         |          |
| microscope slides                             | Engelbrecht, Edermünde, Germany     | WC7695002      |          |
| Coverslips 24 mm x 24 mm                      | Th. Gayer, Lohmar, Germany          | 7695026        |          |
| DAKO fluorescent mounting medium              | DAKO, USA                           | S3023          |          |
| LSM Meta 510 confocal microscopy              | Carl Zeiss AG, Jena, Germany        | n.a            |          |