

Materials List for:

# Determining Bile Duct Density in the Mouse Liver

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URL: <https://www.jove.com/video/59587>

DOI: [doi:10.3791/59587](https://doi.org/10.3791/59587)

## Materials

| Name                                               | Company                              | Catalog Number   | Comments                       |
|----------------------------------------------------|--------------------------------------|------------------|--------------------------------|
| Isothesia (Isoflurane)                             | Henry Schein                         | 11695-6776-2     |                                |
| Desiccator                                         | Bel-Art                              | 16-800-552       |                                |
| 10% PFA                                            | Electron Microscopy Sciences         | 15712            |                                |
| 50 mL tube                                         | ThermoScientific                     | 339653           |                                |
| 70% Ethanol                                        | Decon Laboratories                   | 2401             |                                |
| 95% Ethanol                                        | Decon Laboratories                   | 2801             |                                |
| 100% Ethanol                                       | Decon Laboratories                   | 2701             |                                |
| HistoChoice                                        | VWR Life Sciences                    | H103-4L          | clearing agent                 |
| Omnisette Tissue Cassette                          | Fisher HealthCare                    | 15-197-710E      |                                |
| Macrosette                                         | Simport                              | M512             |                                |
| Paraplast X-TRA                                    | McCormick Scientific                 | 39503002         | Paraffin                       |
| Tissue Mold                                        | Fisher Scientific                    | 62528-32         |                                |
| Microtome                                          | Microm                               | HM 325           |                                |
| Superfrost Plus Microscope Slides                  | Fisher Scientific                    | 12-550-15        |                                |
| Xylene                                             | Fisher Scientific                    | C8H10            |                                |
| Tris-Based Antigen Retrieval                       | Vector Laboratories                  | H-3301           |                                |
| Pressure Cooker                                    | Instant Pot                          | Lux Mini         |                                |
| Mini Pap Pen                                       | Life Technologies                    | 8877             |                                |
| Polyoxyethylene 20 Sorbitan Monolaurate (Tween-20) | J.T. Baker                           | X251-07          |                                |
| Octyl Phenol Ethoxylate (Triton-X-100)             | J.T. Baker                           | X198-07          |                                |
| Normal Goat Serum                                  | Jackson ImmunoResearch               | 005-000-121      |                                |
| anti-CK8                                           | Developmental Studies Hybridoma Bank | TROMA-I          | Antibody Registry ID AB531826  |
| anti-CK19                                          | Developmental Studies Hybridoma Bank | TROMA-III        | Antibody Registry ID AB2133570 |
| anti-αSMA                                          | Sigma Aldrich                        | A2547, Clone 1A4 |                                |
| anti-rat-Alexa488                                  | ThermoFisher                         | A21208           |                                |
| anti-mouse-Cy5                                     | Jackson ImmunoResearch               | 715-175-151      |                                |
| DAPI                                               | Vector Laboratories                  | H-1000           |                                |
| 22 x 50 mm <sup>2</sup> micro cover glass          | VWR Life Sciences                    | 48393 059        |                                |
| Fluorescence Microscope                            | Leica                                | DMI6000 B        |                                |
| Kimwipes                                           | Kimtech Science                      | 05511            |                                |

|             |                     |        |                          |
|-------------|---------------------|--------|--------------------------|
| VECTASHIELD | Vector Laboratories | H-1000 | Antifade Mounting Medium |
|-------------|---------------------|--------|--------------------------|