

Materials List for:

Biaxial Mechanical Characterizations of Atrioventricular Heart Valves

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Materials

| Name | Company | Catalog Number | Comments |
|---|--|-------------------|---|
| 10% Formalin Solution, Neutral Buffered | Sigma-Aldrich | HT501128-4L | |
| 40X-2500X LED Lab Trinocular Compound Microscope | AmScope | SKU: T120C | |
| BioTester - Biaxial Tester | CellScale Biomaterials Testing | | 1.5N Load Cell Capacity |
| ImageJ | National Institute of Health, Bethesda, MD | Version 1.8.0_112 | |
| LabJoy | CellScale Biomaterials Testing | Version 10.66 | |
| MATLAB | MathWorks | Version 2018b | |
| Phosphate-Buffered Saline | n/a | | Recipe for 1L 1X PBS Solution: 8.0g NaCl, 0.2g KCl, 1.44g Na ₂ HPO ₄ , 0.24g KH ₂ PO ₄ |
| Single Edge Industrial Razor Blades (Surgical Carbon Steel) | VWR International | H3515541105024 | Razord blades for tissue retrieval and preparation procedures |