

**Materials List for:**

# **Fabrication of Myogenic Engineered Tissue Constructs**

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URL: <https://www.jove.com/video/1137>

DOI: [doi:10.3791/1137](https://doi.org/10.3791/1137)

## **Materials**

| <b>Name</b>                     | <b>Company</b>              | <b>Catalog Number</b> | <b>Comments</b> |
|---------------------------------|-----------------------------|-----------------------|-----------------|
| Silicone tubing                 | VWR international           | 60985-724             |                 |
| Silicone adhesive               | Rhodia Silicones            | MED ADH 4300 RTV      |                 |
| Polyester Mesh                  | McMaster-Carr               | 93185T17              |                 |
| Laminin                         | Sigma-Aldrich               | L2020                 |                 |
| Nutrient Mixture F-10 HAM       | Sigma-Aldrich               | N6908                 |                 |
| Fetal Bovine Serum              | Atlanta Biologicals         | S11550                |                 |
| Penicillin/Streptomycin         | Invitrogen                  | 15140                 |                 |
| Fungizone                       | Invitrogen                  | 15290-018             |                 |
| Dispase-2                       | Roche Group                 | 10295825001           |                 |
| Collagenase 2                   | Worthington Biochemical     | 46H8863               |                 |
| Basic Fibroblast Growth Factor  | Promega Corp.               | G5071                 |                 |
| 150 mm tissue culture dishes    | BD Biosciences              | 353025                |                 |
| 0.05% (1X) Trypsin-EDTA         | GIBCO, by Life Technologies | 25300                 |                 |
| 1X Hanks Balanced Salt Solution | Invitrogen                  | 14170-112             |                 |
| 7.5% NaHCO <sub>3</sub>         | GIBCO, by Life Technologies | 25080-094             |                 |
| 70 µm cell strainer             | BD Biosciences              | 352350                |                 |
| 6-well plates                   | BD Biosciences              | 353046                |                 |
| 50 mL Conical Vial              | BD Biosciences              | 352098                |                 |
| 15 mL Conical Vial              | BD Biosciences              | 352099                |                 |
| 0.2 µm filter                   | Nalge Nunc international    | 194-2520              |                 |