

**Materials List for:**

# Using Adhesive Patterning to Construct 3D Paper Microfluidic Devices

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## Materials

| Name                       | Company              | Catalog Number | Comments                |
|----------------------------|----------------------|----------------|-------------------------|
| Camera                     | Nikon                | D5100          |                         |
| Solid-ink printer          | Xerox                | ColorQube 8880 |                         |
| Hotplate                   | Torrey Pines         | HS60           |                         |
| Humidity chamber           | Electro-Tech Systems | 5503-E         |                         |
| Spray adhesive             | 3M                   | 62497749309    | Super 77 (16.75 oz can) |
| Filter paper               | Whatman              | Grade 4        |                         |
| Perforated steel sheet     | MetalsDepot          | PS16116        |                         |
| Tartrazine                 | Sigma-Aldrich        | T0388          |                         |
| Allura Red                 | Sigma-Aldrich        | 458848         |                         |
| Erioglaucine disodium salt | Sigma-Aldrich        | 861146         |                         |