

Steps for Stamp Production

1. Prepare the PDMS solution, a ratio of 10:1 base to curing agent was used by Bender et al.
 - a. Depending on the design of the mold, two of the four walls may be absent to allow for easy stamp removal. Tape or another similar adhesive can be used to form temporary walls to keep the solution in place during the pouring and curing process.
2. Cure the stamp in an oven at 60°C for 16 hours as outlined in the Bender et al. manuscript.
 - a. Curing time in the oven will affect stamp stiffness. A longer curing time will lead to a stiffer stamp.
3. When removing the stamp after curing, care should be taken to pull the stamp off in the direction of the pattern if possible to ensure minimal risk for tearing and other destruction to the stamp.