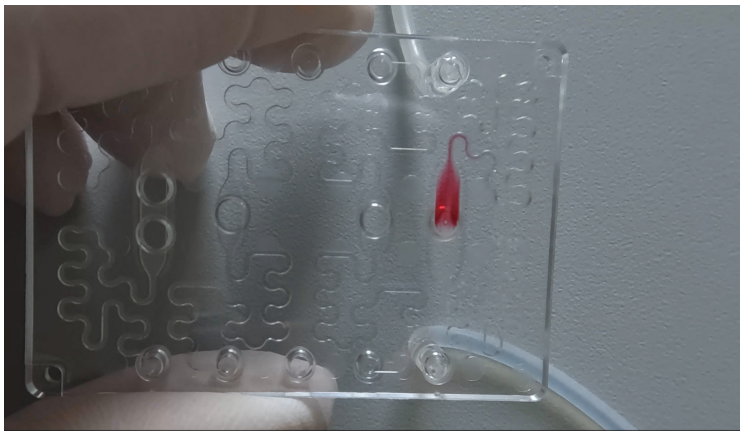
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CUSTOMER SUCCESS STORY

The Biotech Builder Developed a Microfluidic Chip for Droplet Generation



The Challenge

- BioTech Builder needed to develop a microfluidic chip for droplet generation that enabled assay standardization and improved data reproducibility.
- To ensure reliable analytical performance, the chip required exceptional dimensional precision and reproducibility across all levels, from channel-to-channel and chip-to-chip to batch-to-batch production.

Our Solution

- We developed a microfluidic chip platform for droplet generation with critical dimensions at the limits of conventional manufacturing.
- Achieved highly reproducible single-digit micron-scale microchannels through a robust sealing process, ensuring consistent performance across production batches.
- Delivered chip geometries that exceeded the customer's accuracy and precision requirements.

> We can definitely vouch for thinXXS. We've worked with them on a number of projects involving droplets, where channel dimension is critical for droplet size dispersity. They are a reliable partner who always delivers on their promises. This is not our first time working with thinXXS, so we weren't surprised at the results, and that's why they're our first choice.
>
> – Bill Lin, Founding Principal, The Biotech Builder