

**Assembly Instructions**

- No assembly instructions required for producing the device
- Step by step of using the device
- 3D models/Animation facilitating this

**Bill of Materials**

- Desired microscopy multi-well plate
- Agarose
- Desired 3D printing material

**Key Propositions**

This project allows for performing microscopy on bacterial cells in a multi-well plate. It accomplishes this by immobilising them on an agarose pad at the bottom of the plate.

It is designed to be fully customisable, with stamps able to be produced for any plate format using common metrics.

**Your Contributors**

Local academic labs for testing  
Users submitting newly generated plates for existing formats

**Your Users**

Academic labs looking to do high content microscopic screening

**Source Files**

- Source code for generating new plate stamps
- STLs of already generated plate stamps

**Licenses and Standards**

Software: GPL  
3D Print models: CERN-OHL-P

**Contributor Channels**

- GitHub

**User Channel**

- GitHub

**Project Components**

- Software
- Design

**Resources Require**

- 3D printer
- Computer (more powerful if generating own platemaps)

**Similar Projects**

Miriam - <https://github.com/miroculus/Miriam>  
SCRATCH - <https://github.com/CohenLabPrinceton/SCRATCH>  
OpenMicrofluidics - <https://github.com/MakerTobey/OpenMicrofluidics>

**Contributor Docs**

- GitHub
- readthedocs.io

**User Docs**

- GitHub
- Protocols.io