Sep 14, 2019 Version 1

Fluorescence microscope operation procedure V.1

DOI

dx.doi.org/10.17504/protocols.io.7cmhiu6

宏亮 董1

¹Northeast Forest University

2019 iGEM NEFU_China Tech. support email: shengyiyanwork@gmail.com

宏亮 董





DOI: dx.doi.org/10.17504/protocols.io.7cmhiu6

Protocol Citation: 宏亮 董 2019. Fluorescence microscope operation procedure. protocols.io <u>https://dx.doi.org/10.17504/protocols.io.7cmhiu6</u>

License: This is an open access protocol distributed under the terms of the <u>Creative Commons Attribution License</u>, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: In development We are still developing and optimizing this protocol

Created: September 14, 2019

Last Modified: September 14, 2019

Protocol Integer ID: 27757

Keywords: Fluorescence microscope

- 1 Production of temporary fitting
- 1.1 Add 15ul Bacterial solution to microslide at the clean workbench.
- 1.2 Add cover slide on it.
- 2 Use of fluorescence microscopy
- 2.1 Turn off the light in the room and turn on the microscope mercury lamp.
- 2.2 Select the appropriate filter according to the luciferin labeled with the sample.
- 2.3 Place the sample and find the right view. If you want to take a picture, please make sure that the camera is loaded with color film.
- 2.4 Turn on the selfie device and select the manual file, usually within 0.5 to 10 seconds.
- 2.5 End of use, turn off all power and record use.