Oct 24, 2020

Microplate reader operating procedure V.2

Zhujun Wei[1]
[1]2020 iGEM NEFU China

1 Works for me dx.doi.org/10.17504/protocols.io.bnwymffw

2020 iGEM NEFU China

Zhujun Wei

ABSTRACT

We use Tecan Spark® multimode microplate reader to measure absorbance.

DOI

dx.doi.org/10.17504/protocols.io.bnwymffw

PROTOCOL CITATION

Zhujun Wei 2020. Microplate reader operating procedure V.2. **protocols.io** https://dx.doi.org/10.17504/protocols.io.bnwymffw

LICENSE

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

CREATED

Oct 24, 2020

LAST MODIFIED

Oct 24, 2020

PROTOCOL INTEGER ID

43704

MATERIALS TEXT

Tecan Spark® multimode microplate reader
96-well plate

SAFETY WARNINGS

Please read the instructions carefully before use.
Please turn off the power after use.

ABSTRACT

We use Tecan Spark® multimode microplate reader to measure absorbance.

BEFORE STARTING

1. Click on "instrument" on the left, click on "temperature", and check "temperature control" to control the real-time temperature.
2. In the "Action" bar of the left column, you can drag it to the process list under the 96-well plate, drag up and down to sort, click the trash can to delete the option. You can design your own processes that meet your needs.

1

Citation: Zhujun Wei (10/24/2020). Microplate reader operating procedure V.2. https://dx.doi.org/10.17504/protocols.io.bnwymffw

This is an open access protocol distributed under the terms of the **Creative Commons Attribution License** (https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

10m
Turn on the power and warm up for 10 minutes.

2 Open the program and select "New" to create a new process.

3 Select "Absorbance" in the left column. There is a schematic of a 96-well plate in the middle of the screen.

4 You can select the hole to be used according to the spotting hole, and the selected hole will turn blue.

5 Put in the 96-well plate, set the parameters, click "start" to measure the absorbance, and then remove the 96-well plate.

6 Wait a moment, it will generate an Excel file with results and various parameters. Save and copy the file to the u disk and process the data.

Citation: Zhujun Wei (10/24/2020). Microplate reader operating procedure V.2. https://dx.doi.org/10.17504/protocols.io.bnwymffw

This is an open access protocol distributed under the terms of the **Creative Commons Attribution License** (https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited