

Oct 17, 2019

## Colony Formation Unit Assay

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**Protocol status:** Working

**We use this protocol and it's working**

**Created:** October 17, 2019

**Last Modified:** September 12, 2023


**Protocol Integer ID:** 28748

## Materials

MATERIALS





- 1 Dilute cell culture with 1x PBS to a final concentration of  $10^6$ ,  $10^7$  and  $10^8$
- 2 Aliquot  40  $\mu$ L of each sample onto the agar plate containing appropriate antibiotic

### Protocol




NAME

## Preparation of LB Agar

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NUS iGEM

**PREVIEW**

- 2.1 Weigh  32 g of LB agar powder.

 LB Agar, powder (Lennox L agar) **Thermo Fisher Catalog #22700025**

- 2.2 Add the powder into  1 L of deionized water.

 Water refers to sterilized deionized water

- 2.3 Autoclave entire bottle of LB media.

- 3 Spread the cells evenly

- 4 Incubate at  37 °C overnight