



Oct 16, 2019

Promega Glucose-Glo Assay

DOI

<https://dx.doi.org/10.17504/protocols.io.8aehsbe>

NUS iGEM¹

¹National University of Singapore



NUS iGEM

National University of Singapore

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.8aehsbe>

Protocol Citation: NUS iGEM 2019. Promega Glucose-Glo Assay. **protocols.io**

<https://dx.doi.org/10.17504/protocols.io.8aehsbe>

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

Protocol status: Working

We use this protocol and it's working

Created: October 16, 2019

Last Modified: September 12, 2023

Protocol Integer ID: 28710

Materials

MATERIALS

 Glucose-Glo(TM) Assay, 50ml **Promega Catalog #J6022**



1 Prepare glucose detection reagent mix by adding:

1. Luciferin Detection Solution
2. Reductase
3. Reductase Substrate
4. Glucose Dehydrogenase
5. NAD

Note

These reagents are part of a boxed set - Promega's Glucose-Glo Assay.

- 2 Dilute  2 μL overnight culture in  198 μL 1x PBS and mix
- 3 Aliquot  50 μL of each sample into three wells of 96-well plate to create triplicates
- 4 Add  50 μL of glucose detection reagent mix into each well
- 5 Include PBS-only wells as blank