

Resource Summary Report

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UC Davis - Glucose Protocol

DOI:10.17504/protocols.io.yj9fur6

Type: Protocol

Proper Citation

Peter Havel 2019. UC Davis - Glucose Protocol. protocols.io
dx.doi.org/10.17504/protocols.io.yj9fur6

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.yj9fur6>

Authors: Peter Havel

Group: Mouse Metabolic Phenotyping Centers

Summary: Summary: Glucose is oxidized by glucose oxidase to gluconic acid and hydrogen peroxide. The hydrogen peroxide reacts in the presence of peroxidase with HBA and 4-aminoantipyrine forming a red quinoneimine dye. The intensity of the color formed is proportional to the glucose concentration and can be measured photometrically between 460 and 560 nm.

Affiliations: University of California, Davis

External URL: <https://mmpc.org/shared/document.aspx?id=88&docType=Protocol>

Version: 1

Publication Date: 2019

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