Apr 18, 2024 Version 2

Glucose Tolerance Test V.2

DOI
dx.doi.org/10.17504/protocols.io.261geddodv47/v2

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OPEN ACCESS

DOI: dx.doi.org/10.17504/protocols.io.261geddodv47/v2

Protocol Citation: Sabina Marciano, Roberta Marongiu 2024. Glucose Tolerance Test. **protocols.io** **https://dx.doi.org/10.17504/protocols.io.261geddodv47/v2**Version created by **Eileen Ruth Torres**

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Protocol status: Working
We use this protocol and it's working

Created: April 18, 2024

Last Modified: April 18, 2024

Protocol Integer ID: 98408

Keywords: ASAPCRN

Funders Acknowledgement:
Aligning Science Across Parkinson's
Grant ID: 020608

Abstract

The glucose tolerance test is performed to determine how quickly the glucose is cleared from the blood. It is used to test for **diabetes** or **insulin resistance**.

1 Single cage the mice for 1 week in advance

2 Weight the mice

3 Fast mice for 06:00:00 6h

4 After fasting, measure glucose with a glucose meter

5 Perform an intraperitoneal injection of 2g / kg body weight of glucose (20% D-glucose stock solution dissolving 2g of glucose in 10ml saline and give 10ul per gram of body weight).

6 Collect blood samples for glucose measurement at 15, 30, 45, 60, 90 and 120 min post glucose injection