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Version 1

Glucose Tolerance Test V.1

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Protocol status: Working

We use this protocol and it's working

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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.

Troubleshooting



- 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