



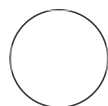
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Glucose Tolerance Test

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ABSTRACT

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](#).

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

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- 1 Single cage the mice for one week in advance
- 2 Weigh the mice
- 3 Fast the animals for  06:00:00 6h
- 4 After fasting, measure the glucose with a glucose meter
- 5 Perform an Intraperitoneal (IP) injection with 2 g/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 at 15, 30, 45, 60, 90 and 120 min post glucose injection