

May 22, 2024

Modelling Insulin resistance in vitro

DOI

dx.doi.org/10.17504/protocols.io.kxygxy3mwl8j/v1

Laura Mahoney-Sanchez¹

¹The Francis Crick Institute, 1 Midland Road, London NW1 1AT, UK.



Laura Mahoney-Sanchez

The Francis Crick Institute, 1 Midland Road, London NW1 1AT,...

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DOI: **dx.doi.org/10.17504/protocols.io.kxygxy3mwl8j/v1**

Protocol Citation: Laura Mahoney-Sanchez 2024. Modelling Insulin resistance in vitro. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.kxygxy3mwl8j/v1>

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Protocol status: Working

We use this protocol and it's working

Created: May 22, 2024

Last Modified: May 22, 2024




Protocol Integer ID: 100256

Keywords: ASAPCRN

Abstract

This protocol contains the instruction for modelling insulin resistance in iPSC-derived neurons by depriving the cells of insulin overnight followed by a 30 minutes insulin treatment the following day.



- 1 The media is removed from the cells
- 2 Cells are washed 1x with PBS
- 3 Fresh media is added the cells supplemented with B27 without insulin (Thermofisher A1895601).
- 4 Cells are left back in the incubator  Overnight at  37 °C and 5% CO2 18h
- 5 The following day, insulin was added to the media at either , or for  00:30:00 30m