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## Oirect ELISA

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**ABSTRACT** 

This protocol details Direct ELISA.

**ATTACHMENTS** 

911-2362.pdf





## DOI:

dx.doi.org/10.17504/protocol s.io.261ged83ov47/v1

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

Created: Nov 29, 2023

Last Modified: Dec 01,

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## **PROTOCOL** integer ID:

91706

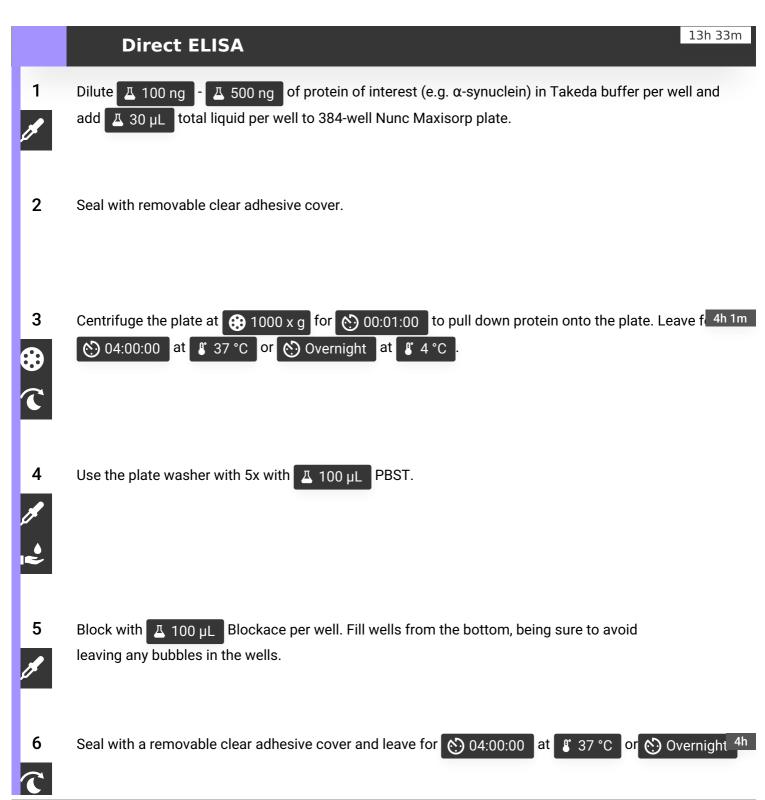
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**Funders** 

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## Note

At this point, plates can be stored for up to 1 month at 4 °C if there is a preservative in the buffer.

7 Use the plate washer with 5x with  $4 \times 100 \mu$ L PBST.



8 Use C buffer to dilute reporter antibody. Vortex immediately before pipetting.



9 Using multichannel, fill 91, dispense  $\blacksquare$  30  $\mu$ L three times.



Seal with removable clear adhesive cover and centrifuge plate at 1000 x g for 00:01:00.



Incubate for 04:00:00 at 37 °C or Overnight at 4 °C.



- 12 Use C buffer to dilute HRP-conjugated secondary reporter antibody.
- Add Δ 30 μL per well. For goat-anti-mouse/rabbit use at 1:5-20K.



Seal with removable clear adhesive cover and centrifuge plate at 1000 x g for 00:01:00.



15 Incubate for 01:00:00 at 37 °C.



16 Use the plate washer with 5x with A 100 µL PBST.



17 Add Δ 30 μL TMB reagent per well.



- **18** Develop for 10 30 min.
- 19 Quench using Δ 30 μL 10% phosphoric acid per well.

1h

Read plate on the Spectramax or similar plate reader. 384-495 nm for unquenched reactions, 450 nm for quenched reactions.

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