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## iPSC-derived neurons sample preparation for ELISA assays

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**We use this protocol and it's working**

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## Abstract



Cell lysis sample preparation for ELISA assays

## Troubleshooting






## Cell lysis

- 1 Cells were washed with cold PBS then lysed with  300  $\mu$ L cold RIPA buffer (Thermo Fisher Scientific) supplemented with 1x of a cocktail of phosphatase and protease inhibitors (Life Technologies).
- 2 Cell lysates were transferred into 1.5ml eppendorf tubes and centrifuged for  00:05:00 at 3500rpm to remove cell debris. 5m
- 3 Following centrifugation, the supernatant was collected and protein concentration were measured using a BCA or Bradford protein assay (Thermo Fisher Scientific).

## ELISA assay

- 4 Equal amounts of protein lysate,  20  $\mu$ g , were used to perform ELISA assays according to manufacturer's instructions.