

Sep 13, 2022

Version 1

cDNA synthesis V.1

 Nature Communications

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DOI

<https://dx.doi.org/10.17504/protocols.io.kqdg3948qg25/v1>

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DOI: <https://dx.doi.org/10.17504/protocols.io.kqdg3948qg25/v1>

External link: <https://doi.org/10.1038/s41467-024-53168-7>

Protocol Citation: Miquel Vila 2022. cDNA synthesis . protocols.io <https://dx.doi.org/10.17504/protocols.io.kqdg3948qg25/v1>



Manuscript citation:

Laguna, A., Peñuelas, N., Gonzalez-Sepulveda, M. *et al.* Modelling human neuronal catecholaminergic pigmentation in rodents recapitulates age-related neurodegenerative deficits. *Nat Commun* **15**, 8819 (2024). <https://doi.org/10.1038/s41467-024-53168-7>

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Protocol status: Working

We use this protocol and it's working

Created: September 13, 2022

Last Modified: September 13, 2022

Protocol Integer ID: 69944

Keywords: cDNA synthesis, applied biosystem

Abstract

High-Capacity cDNA Reverse Transcription Kits(#4368814, Applied Biosystems - ThermoFisher)

cDNA synthesis

- 1 Prepare the 2X master mix (ul per sample):
 - 2ul RT Buffer
 - 0.8ul 25X dNTP Mix(100mM)
 - 2ul Random primers
 - 1ul Multiscribe Reverse Transcriptase
 - 4.2ul Nuclease free water
- 2 Take 0.5ug of RNA in a maximum of 10ul of sample volume
- 3 Mix the 2X master mix (10ul) with the RNA samples (10ul) and mix by pipetting
- 4 Centrifuge the plates to spin down all the reagents.
- 5 Keep the samples on ice
- 6 Program the thermal cycler to 25C for 10min 37C for 120 minutes 85C for 5 minutes and 4C until finished.
- 7 Store the cDNA samples at -20C for short-term storage or -80C for long-term storage (years).