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cDNA synthesis V.2

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Núria Peñuelas¹, Miguel Chillon², Miquel Vila¹

¹Vall d'Hebron Research Institute;

²Department of Biochemistry and Molecular Biology, Universitat Autònoma de Barcelona, 08193 Bellaterra, Spain. Institute of Neurosciences, Universitat Autònoma de Barcelona, 08193 Bellaterra, Spain. UAB-VHIR Joint Unit, Vall d'Hebron Institut de Recerca, 08035 Barcelona, Spain. Catalan Institution for Research and Advanced Studies (ICREA), 08010 Barcelona, Spain

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Núria Peñuelas

Vall d'Hebron Research Institute

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We use this protocol and it's working

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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).