



**National Centralized Repository for
Alzheimer's Disease and Related Dementias**
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Information

Growth Conditions

Media: mTeSR™Plus

Substrate: Geltrex™ LDEV-Free, hESC-Qualified
Reduced Growth Factor Membrane Matrix

Subcultivation Method: ReLeSR™

CO₂ Conditions: 5%

Storage

Transfer vials quickly to liquid nitrogen storage upon arrival. It is imperative that vials maintain a constant temperature to ensure maximum recovery upon thaw.

Recovery of Frozen Cells

For best results, thaw NCRAD iPSCs with ClonerR™ into one well of a six-well plate.

Quality Control

NCRAD iPSCs are subject to rigorous quality control testing. NCRAD iPSCs are tested for various forms of mycoplasma, bacterial, and fungal contamination. Quality control also includes morphological assessment, cell viability and karyotype analysis. Differentiation capacity and pluripotency are assessed via qRT-PCR. Any mutant or gene edited lines are sequenced to verify genotype. All lines receive an APOE genotype and SNP fingerprint to confirm identity.

Safety

NCRAD iPSCs are cryopreserved in medium containing DMSO.

Follow appropriate safety precautions. Products of human origin should be handled and treated as cells known to carry HIV, HBV, HCV, etc. NCRAD iPSCs are not tested for infectious diseases.

Intended Use

NCRAD iPSCs are for research purposes only and not intended for use in humans.

Please refer to the fully executed material transfer agreement (MTA) and associated appendices for the terms of use of NCRAD iPSCs. If you need an additional copy of the documents, please contact alzstudy@iu.edu.

Resources

For more information, visit www.NCRAD.org or contact alzstudy@iu.edu