



JUN 22, 2023

Induced Pluripotent Stem Cell Reagents

Mallory Wright¹

¹Jason Waligorski, Collin Kremitzski, Purva Patel



Mallory Wright

Washington University, Saint Louis. McDonnell Genome Institu...

ABSTRACT

reagents used to maintain our iPSC

OPEN  ACCESS

DOI:

dx.doi.org/10.17504/protocols.io.rm7vzxnorgx1/v1

Document Citation: Mallory Wright 2023. Induced Pluripotent Stem Cell Reagents. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.rm7vzxnorgx1/v1>

License: This is an open access document distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Created: Jun 21, 2023

Last Modified: Jun 22, 2023

DOCUMENT integer ID:
83826

 Rocki STEMCELL Technologies Inc. Catalog #72304

Note

iPSCs like being in clusters. Single cell iPSCs tend to die. ROCKi prevents that from happening

Need a 10mM stock: dilute 5mg of the powder in 1.56 ml nuclease free water. Aliquot into smaller quantities. Store in -20C.

RevitaCell is a good alternative, either can be used

✕ mTeSR plus media kit STEMCELL Technologies Inc. Catalog #100-0276

🌡 4 °C

✕ Antibiotic/Antimycotic (100X) Thermo Fisher Scientific Catalog #15240062

🌡 -20 °C

✕ ReLeSR STEMCELL Technologies Inc. Catalog #05872

🌡 Room temperature

✕ TrypLE Select (1X) no phenyl red Thermo Fisher Scientific Catalog # 12563-011

🌡 Room temperature

✕ Matrigel Matrix hESC qualified Corning Catalog #354277

🌡 -20 °C

✕ DMEM/F12 (1:1) Thermofisher Catalog #11320033

🌡 4 °C

✕ CryoStor CS10 -100ml STEMCELL Technologies Inc. Catalog #07930

🌡 4 °C

✕ DBPS +/- (without calcium / magnesium) Thermo Fisher Scientific Catalog #14190144

🌡 Room temperature