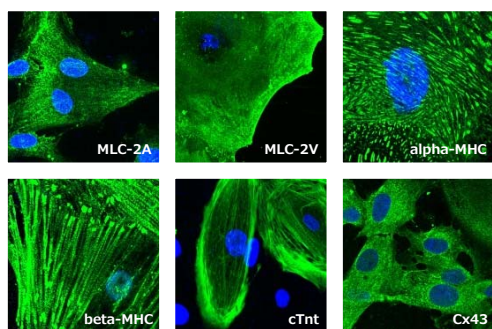


- The world's 1st commercial hiPSC-cardiomyocytes
- Thin layers of cardiomyocytes for high throughput assays in 96 well format
- Reliable replication of in vivo characteristics

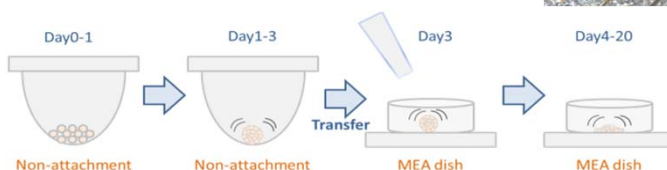
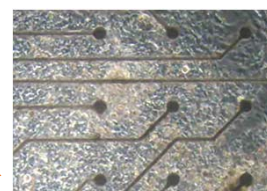
Developed by ReproCELL using Kyoto University's technology

Expression of various cardiac marker

How to make thin layers of cardiomyocytes

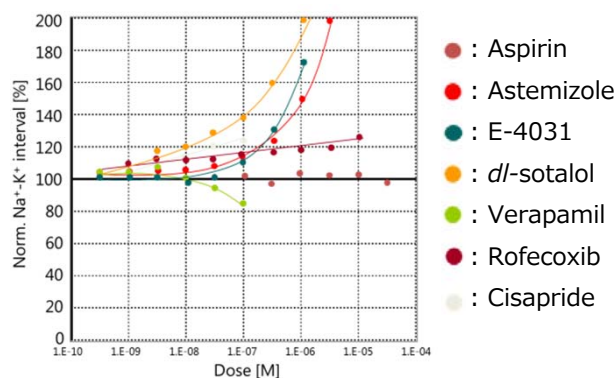
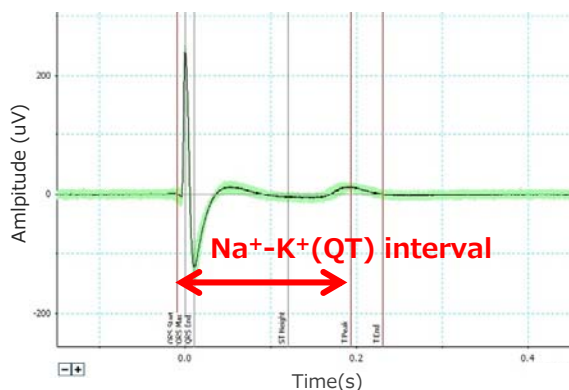


1. Culture in an U-bottom plate for 3 days to make loose cell clumps.
2. Transfer the loose cell clumps to culture dish and culture for more 7 days.

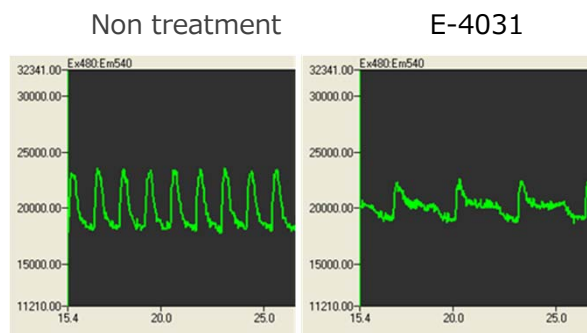
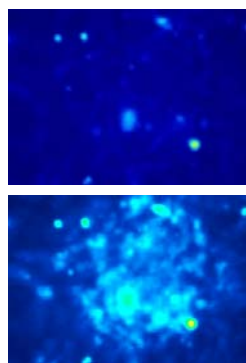


Electrophysiology assay (MEA)

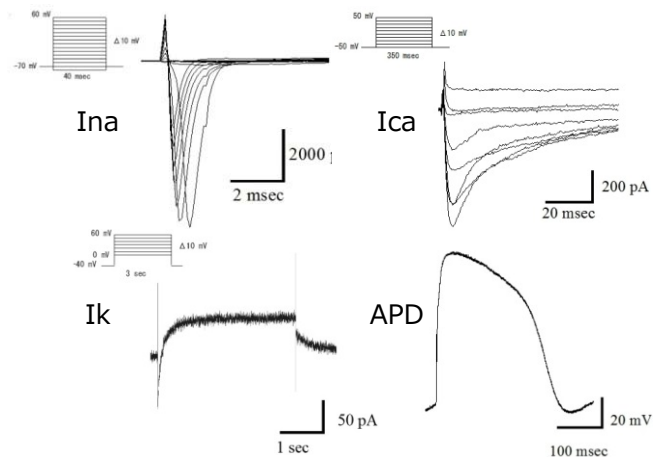
※We recommend that the CO₂ concentration (5%) is fixed during a measurement with MEA for acquiring stable data.



Calcium imaging



Patch clamp (single cells)



Product No	Product	Detail
RCESD008	ReproCardio 2	frozen, 1 x 10 ⁶ cells, enough to cover one 96-well plate
RCESD009	ReproCardio 2 Small Pack	frozen, 1 x 10 ⁵ cells

Visit ReproCELL's web site for

- Thin layer MEA and Ca imaging protocols and movies
- ReproCardio2 product information

Note On receiving the kit, immediately transfer the frozen cells to liquid nitrogen and use the cells as soon as possible. These cells are very sensitive to changes in temperature. For optimal viability, follow the instruction strictly.

For Research Use Only



E-mail
info_en@reprocell.com

Headquarters

ReproCELL, Inc.
KDX Shin-yokohama 381 Bldg 9F
3-8-11, Shin-yokohama, Kohoku-ku,
Yokohama, Kanagawa 222-0033, Japan
Tel: +81 (0) 45 475 3887
Fax: +81 (0) 45 474 1006

North America

ReproCELL USA, Inc.
24 Denby Rd. Suite 220
Boston, MA 02134
Tel: +1-617-987-2015
Fax: +1-617-507-2452