

Heart Organoid cardiomyocyte

Induced pluripotent stem cell-derived cardiomyocyte and 3D heart organoid model.
We provide efficacy evaluation service using iPSC-derived cardiomyocyte spheroids.

■ Gene expression level

- TNNT2, MYH6, MYH7/8

■ Metabolic assay

- Mitochondria stress
- ATP analysis

■ Histological analysis

- TNNT2, a-actin, Calcium flux
- a-SMA

■ Structure analysis

- Transmission electron microscope(TEM)

