Model: SR-20

Sphere Ring for Spheroids Fabrication

Fabricate Spheroids by Snow Ball Effect!

Process Flow

1: Feed Cell Suspension
   - Cell: 4~8x10^6/Bag
   - Medium: 20ml

2: Infrate with Air
   - Air Volume: 60ml

3: Incubate on Orbital Shaker
   - Rotation: 45~55rpm
   - Duration: 3~4 days

4: Collect Spheroids
   - One bag makes 1~4ml volume of Spheroids.

Catalog:SR-20(2018/8)

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**Data**

**Donut Bag (φ90×20 mm)**

- **Cell**: TkDN4-M (human iPS cell)
- **Medium**: Essential8 (Thermo Fisher)
- **Seeding density**: $2.0 \times 10^5$ cells/mL
- **Volume**: 20 ml
- **Agitation**: 50rpm
- **Culture**: 4 Days

[Data: University of Tokyo, Sakai-Lab]

**Manufacturer**: FUKOKU CO., LTD.

**Bag**
- 50ml Syringe x2
- Forceps
- Stand

**Set Syringe**
- on stand.
- Close tube with Forceps.

**Fill Medium**
- 18ml.

**Add Cell suspension**
- 2ml and mix.

**IMPORTANT:**
- **Total volume must be 20ml.**

**Release.**
- Medium flow into Bag.

**Use second Syringe and set at 60ml of air.**

**Gently inflate the bag.**

**Close the Tube with Forceps.**

**Cap on and tie tube.**
- Ready to Roll!

**Orbital Shaker**
- In incubator.
- Set at 45-55rpm.