

Cat No. 08378-96

Manual

Cell culture Insert

ad-MED vitrigel™ Ex (24 well)

1. Introduction

ad-MED Vitrigel™ Ex (24 well) is a cell culture insert using collagen Vitrigel™ Ex membrane with high material permeability (Fig. 1). A major feature of this product is that it exhibits excellent cell culture performance equivalent to that of ad-MED Vitrigel 2 while maintaining excellent substance permeability, making it suitable for use in research on cell-cell interactions.



Fig. 1 ad-MED Vitrigel™ Ex (24 well)

2. Package

| | |
|--------------|--|
| Product Name | ad-MED Vitrigel™ Ex (24 well) |
| Product No. | 08378-96 |
| Package | 1 plate with lid (24 individual inserts) |
| Stored at | 0 ~ 6 °C |

3. Specification

| | |
|-----------------------------------|--|
| Surface Area | 0.33 cm ² |
| Standard volume of Culture medium | Inner of insert 0.1 mL ~ 0.5 mL Outside of insert 0.3 mL ~ 1.0 mL |
| Sterilization | Gamma ray sterilized |

4. Application

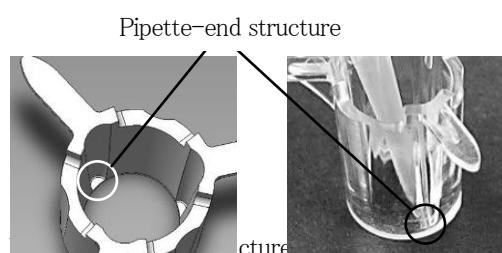
Culture for various animal cells

5. Protocol

- Pre-warm a medium to 37°C.
- Pull out the product from the package and place it in a clean bench.
- Add 0.2 mL and 0.5 mL of the medium to inside of the insert and outside the well. Hydrate the membrane by placing for 10 minutes or more.
- Remove the medium from inside the insert (Refer to Note 4), Pour the cell suspension into the insert.
- Culture cells in proper conditions.

6. Note

- This product is sterilized
- Stored at 0 to 6 °C. Refrigerated storage is also available but avoid freezing
- The appearance of the membrane, including the adhesive surface, may vary depending on the insert, but this does not affect product performance.
- Due to the high permeability of the membrane, the medium added to the insert may penetrate, but this is not a product defect.
- Before seeding the cells, hydrate the membranes with the medium (Refer to standard procedure). Avoid redrying the hydrated membrane.
- When removing the medium in the insert, Pipette tip should be aligned to the pipette end structure (Fig. 2) on the inner wall of the insert for avoiding scratch the cells
- Be careful not to aspirate the membrane when removing the medium with the aspirator.



- This product is research use only.
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