Product manual

COSMO BIO CO., LTD.

VECELL®(6, 24, 96, 384) Well Gas Permeable Plate (VECELL G-Plate)

Cat. No. VCL-V6WGPB-1-EX (1plate)
Cat. No. VCL-V24WGPB-1-EX (1plate)
Cat. No. VCL-V96WGPB-1-EX (1plate)
Cat. No. VCL-V96WGPWT-1-EX (1plate)
Cat. No. VCL-V6WGPB-10-EX (10 plates)
Cat. No. VCL-V24WGPB-10-EX (10 plates)
Cat. No. VCL-V96WGPB-10-EX (10 plates)
Cat. No. VCL-V96WGPWT-10-EX (10 plates)
Cat. No. VCL-V384WGPB-10-EX (10 plates)
Cat. No. VCL-V384WGPWT-10-EX (10 plates)

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Directions for Use

Thank you for purchasing our product, Gas Permeable VECELL® G Plate. We hope you will find it helpful in your research work.

The membrane of VECELL® G-Plate is a gas permeable membrane. The external dimensions of 96well and 384 well plates conform to the recommendations of ANSI/SLAS Microplate Standards (ANSI/SLAS 1 to 4 – 2004). Materials of the plate framework is polystyrene (PS), except 384 well plate Cyclic Olefin Copolymer(COC). We hope you will find it helpful in your research work. Please read carefully and follow the directions below before use.

1. Do not use beyond the expiration date on the label. The VECELL®G-Plate has been sterilized with EOG, and can be used for 3 years from the date denoted by the Lot Number (for example, Lot : 150202 refers to 2015/02/02). Please avoid direct sunlight, hot and humid, and please store at room temperature.
2. As for recommended medium amount of each well, please refer to the table below. Please change this medium amount at your experiment conditions.

Recommended Medium Amount

Plate type	Medium amount
6well Plate	2000 ～ 3000 µL
24well Plate	500 ～ 900 µL
96well Plate	100 ～ 250 µL
384well Plate	30 ～ 60 µL

3. The membrane of the VECELL® G-Plate is thin (about 300 µm) and coated with extra cellular matrix (ECM: collagen) and synthetic amphiphilic polymer which functions as a cell adhesive.
4. Medium change should be done after 24hrs of seeding on VECELL® G-Plate, because cell attaching to the Plate becomes stable after 24hrs.
5. Membranes do not contain fluorescent substances, and cells on the membranes can be observed by fluorescence microscopy.
6. The membrane of the VECELL® G-Plate can be treated in alkaline solution for DNA extraction and also used with organic solvents, including ethanol, phenol and 80%DMSO. If you have any questions about the VECELL® G-Plate, please do not hesitate to contact Cosmobio Co., LTD.

For research use only, Not for diagnostic use.
Please read this manual thoroughly before use.