

Handbook

NanoCulture Medium Supplement (10x) (Cat. # NCM-S10)

Please refer to expiration date on the label.

Precautions for use

Thank you for purchasing a NanoCulture Medium Supplement. It is recommended that users read all instructions before use.

Introduction

Cellular spheroid forming activity is depending on their character, especially cell adhesion molecule expressions. So, there are some kind of cell cannot form spheroids. In that case, our products, NanoCulture Medium Supplement can help cells to form spheroids. The supplement may also change the spheroid morphology to bigger size and /or tighter cell-attachment under 3D culture condition.

Example of use for NanoCulture Medium Supplement

1. Add NanoCulture Medium Supplement into your own culture medium as 10 times dilution.
2. 50 μ L of the medium are added into each well for pre-incubation of NanoCulture Plate (NCP).
3. Cells are suspended with the medium at 1×10^5 cells / mL for 96 well plate.
4. 50 μ L-aliquots of the cell suspension are seeded into each well of NCP containing 50 μ L of the medium (final cell concentration is 1×10^4 cells / well), and cultured at 37°C, 5% CO₂ for 5-10 days to form spheroids.

Note: Culture period is depending on the purpose of your experiment. If you want to do long term culture, you may need medium changing every 3-4 days.

Please see Handbook of NCP for more detail information

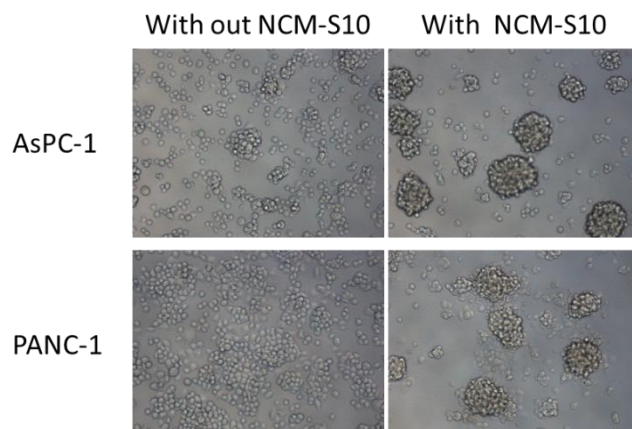


Figure. Pancreatic cancer cell line, AsPC-1 and PANC-1 can form spheroids in NanoCulture Medium Supplement on NanoCulture Plate after 7 days culture.

NanoCulture Medium Supplement (NCM-S10) help these cell lines to form spheroids.



Product warranty

All materials supplied in product pass an inspection at ORGANOGENIX, Inc. prior to shipment. However, if product you received is defective, please contact us.

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