

Low Cell Binding Property of LIPIDURE®-COAT

Materials

1. LIPIDURE®-COAT MULTI DISH A-6MD (Cat. No. AMS.51011617)
2. Cell; NIH 3T3 (Fibroblast, mouse)

Cell culture medium

1. 10 %CS-DMEM; DMEM (Dulbecco's Modified Eagle's Medium) containing 10 %CS (calf serum), 50 IU/mL penicillin, 50 µg/mL streptomycin.

Cell preparation

1. NIH-3T3 mouse fibroblasts were maintained in the 10 %CS-DMEM and were passaged every 3 days.

Low-cell-binding test

1. The cells were trypsinized and plated at a seeding density of 1×10^4 cells/well (2 mL/well) on LIPIDURE®-COAT MULTI DISH-6MD.
2. The plate was incubated at 37°C in 5 %CO₂ incubator.
3. The typical spheroids-shape cells were observed after 4 days incubation.
4. The plate was washed with PBS and low cell binding property was estimated.

Result

LIPIDURE®-COAT



Wash with
PBS



No cell adhesion was observed.

Non-treated plate



Wash with
PBS



The cells adhered to the plate.



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