DyNAtrix®

Ready-to-Use Kit | #DM-RUK-1

Quick Guide

V 5.1

Materials included in the package

Component	Amount (µL)
Backbone (**B+**)	1200
X-linker (**X**)	400

General remarks

This guide describes standard cell culture in dome or microwell format*. The protocol can be adapted for different cell densities or culture formats.

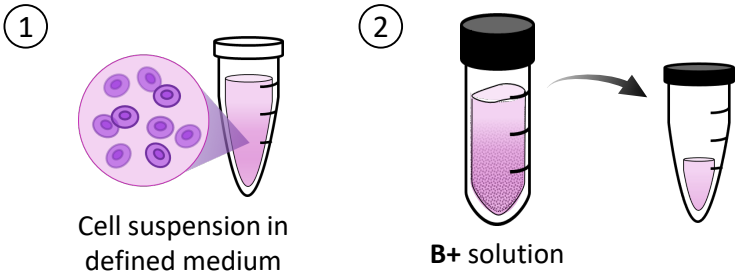
!!! *DyNAtrix* is optimized for fully defined media. **Do not add serum or conditioned media**, as they may degrade the matrix.

* e.g. ibidi Cat. # 80409

Preparation

1. Prepare cell suspension in a defined, serum-free medium.
   Recommended cell-stock density: 1–4 × 10^6 cells/mL

2. Pipette 15 µL of **B+** into a tube. Keep it on ice.



Cell suspension in defined medium

B+ solution

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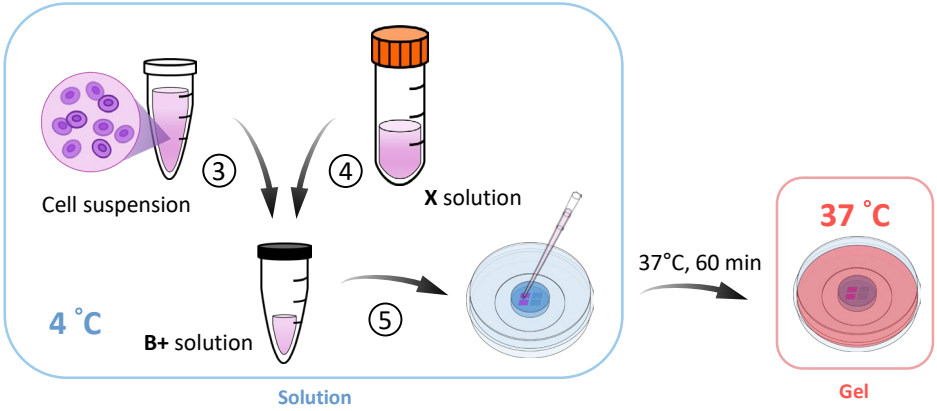
Cell embedding at 4 °C / on ice

3. Add 5 µL cell suspension to the 15 µL **B+**.
   Mix *thoroughly* by pipetting up and down.
4. Add 5 µL **X** to the mixture from step 1.
   Mix *thoroughly* by pipetting up and down.
5. Immediately dispense 5 µL per microwell or ≥20 µL per dome.



Initiate culture conditions at 37 °C

1. Incubate at 37 °C, 5% CO_2 for **60 min**.
2. Gently cover the microwell insert or dome with serum-free medium.
3. Continue incubation at 37 °C, 5% CO_2.

For detailed protocol, visit
www.dynamicmatrices.eu

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