DyNAtrix®

Minimal Discovery Kit

Quick Guide

For detailed protocol, visit
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Preparations

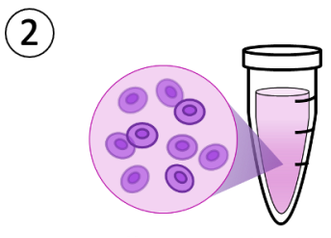
1. Use the table below to identify the gel type and corresponding components.

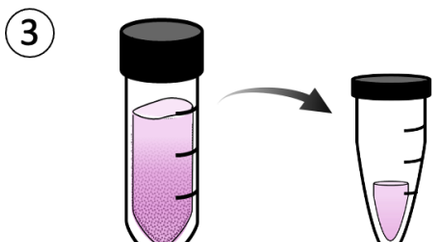
Gel type	Mechanical properties		Gel components (µL)			
	Stiffness (G')	Stress-relaxation (τ)	B+	F1 / F2	S1 / S2	DMEM
1	100 Pa	75 min	10	5 / 5		
2	100 Pa	1.1 days	10		5 / 5	
3	50 Pa	75 min	10	2.5 / 2.5		5
4	50 Pa	1.1 days	10		2.5 / 2.5	5

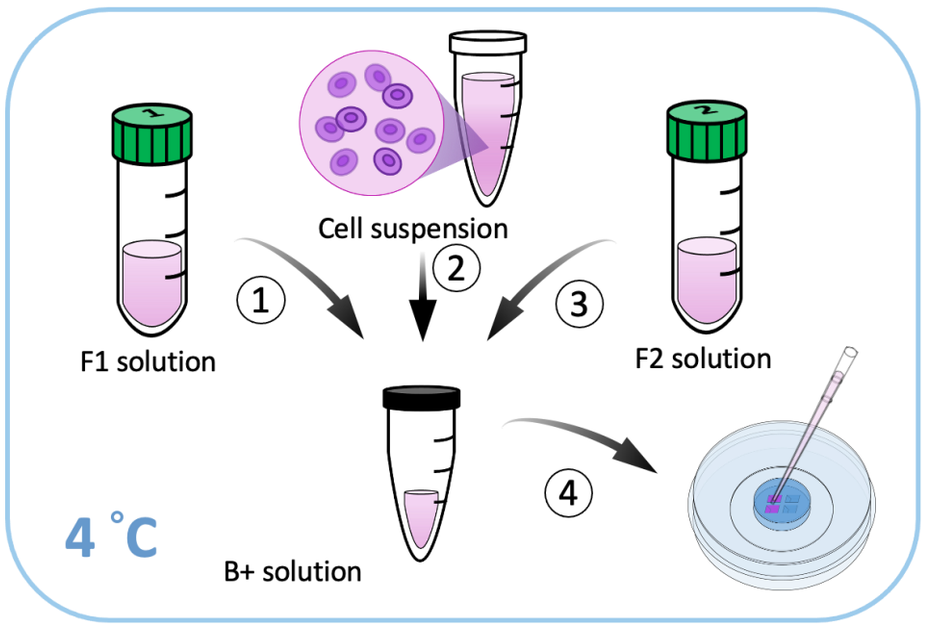
Cell embedding

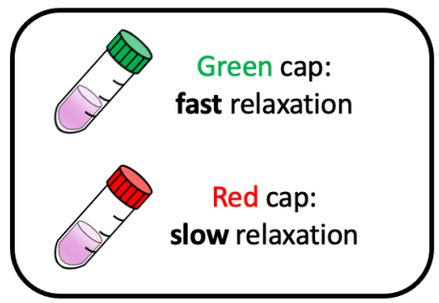
1. Pipette mix 5 µL **F1** or **S1** with 10 µL **B+**.
2. Pipette mix 5 µL cell suspension and the mixture from step 1.
3. Pipette mix 5 µL **F2** or **S2** and the mixture from step 2.
4. Immediately inject **5 µL** of the mixture into each microwell.
5. Incubate at **37 ˚C, 5% CO_2** for **60 minutes**.
6. Overlay the entire insert with culture medium.
7. Continue incubation at **37 ˚C, 5% CO_2**

2. Prepare cell suspension with defined media.
   Avoid the use of serum or conditioned media.
   Recommend cell concentration: 1-4 x 10^6 cells/mL
3. Add 10 µL B+ in a vial.
   Adjust based on the ratio in the table.

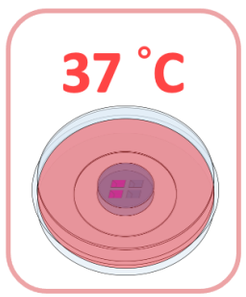








37°C, 60 min
5



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