

CROSSLINKING WITH CaCl₂

Overview: It is possible to crosslink specific bioinks with CaCl₂ solution, specifically CELLINK and CELLINK A.

Materials:

CELLINK'S INKREDIBLE or INKREDIBLE + printer
Crosslinkable bioink (ex: CELLINK or CELLINK A)
100 mM CaCl₂ crosslinking solution

Protocol:

1. To crosslink material after printing, take the bottle of CaCl₂ crosslinking solution and slowly add enough drops on the construct to cover it.
2. Let the construct sit in the crosslinking solution for about 10 minutes.
3. Gently add PBS to the construct to wash the crosslinking solution.
4. Aspirate PBS from the construct.
5. Replace PBS with cell media for culture.

G-codes:

N/A

Further Information:

N/A

References:

N/A