

Collagen Bio Tubes (CBT)

Before starting please note

When working with CBT use appropriate cell culture plastics, media and reagents as well as aseptic techniques and ensure adequate growth environments.

All liquids should be pre-warmed at least to room temperature. Always add liquids into the well along the sidewall.

If the CBT should be used as a barrier between different cell populations, make sure not to pierce the tube with forceps or pipettes. The whole, intact cell-scaffold complex can be transferred.

Collagen Bio Tubes are intended for research use only. They are neither intended for human nor animal diagnostic, therapeutic use or any other clinical uses!

Corresponding documents:

- Product Data Sheet - Collagen Bio Tubes (CBT)
- Application Note - Detachment of cells cultured on fibrous collagen surfaces
- Application Note - Staining of cells grown on fibrous collagen surfaces with the life cell tracking dye BDTM DiIC12(3)

Pre-treatment of the Collagen Bio Tubes

1. Incubate for 30 minutes at room temperature in PBS
Important: CBT should always be covered completely with liquid to assure that the lumen is open.
2. Aspirate the remaining PBS.
3. If necessary the CBT can be cut when it is wet with a sterile scalpel.
4. Prior to cell seeding, the CBT needs to be equilibrated (to reach physiological pH) with the appropriate volume of pre-warmed medium for at least 30 min at 37°C in the CO₂ incubator.
Important: CBT should always be covered completely with liquid to assure that the lumen is open.
5. Change the medium just prior to seeding cells on the CCC.

All data and recommendations correspond to the present state of our knowledge; they are published without engagement. We reserve the right to make alterations and additions in line with technical developments without prior notice. The customer is obliged to check whether our products meet with his own technical requirements. We shall be glad to answer any queries.

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