

### Pre-incubation of the CCC-RTU and cell seeding

Ready-To-Use (RTU) Collagen Cell Carrier® (CCC) membranes are already attached to the bottom of a multi well plate. CCC scaffolds are ultrathin translucent membranes made of pure collagen type I fibers from bovine dermis without treatment with chemical cross-linkers. The compact fiber network is non-porous but permeable for most soluble factors.

The RTU Collagen Cell Carrier® are delivered dry and sterile, filling all wells of a multi well plate. To ensure good performance of the RTU please follow our user protocol.



RTU CCC for multiwell plates

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### General precautions

When working with the CCC please 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 and pipetted gently along the sidewall into the well.

If translocation of the CCC is intended, we do not recommend using the RTU. Due to strong adherence of the pre-attached RTU membranes to the wells we can not guarantee intact detachment.

### Pre-incubation of the RTU CCC and cell seeding protocol

- Prior to cell seeding, the RTU 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 CO<sub>2</sub> incubator.
- Change the medium just prior to seeding cells on the RTU.
- **Important:** The whole plate can be incubated in the CO<sub>2</sub> incubator up to 14 days with or without medium, even if not all the wells are needed.
- The previously unused wells can be seeded with cells later on and incubated in the CO<sub>2</sub> incubator.



For technical support please contact

[contact@bio.viscofan.com](mailto:contact@bio.viscofan.com)

+49 06201 86-358

### Intended use

The CCC RTU is intended for research use only. It is neither intended for human nor animal diagnostic, therapeutic use or any other clinical uses!

### Corresponding documents

- [Product Data Sheet](#)  
Collagen Cell Carrier  
Ready-to-Use (RTU)
- [Application Note](#)  
Detachment of cells cultured  
on fibrous collagen surfaces
- [Application Note](#)  
DiIC staining of cells grown on  
fibrous collagen surfaces
- [Product Information](#)  
Primary cells on CCC

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### Disclaimer

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 the technical requirements. Please contact us for questions or support.