

CellCover

Special Protocol No. 1

Sticking to scheduled time points when finishing
and working up cell culture experiments

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CellCover exerts its stabilizing effect instantly. It allows the parallel storage of DNA, RNA and proteins within it's cellular context while maintaining the integrity of cellular shape (no crosslinking activity)! Harsh treatments with alcohol acetone or formaldehyde can be avoided.

Special protocol for adherent cultured cells:

- ① **Remove cell culture media**
- ② **Add appropriate volume of CellCover and incubate for 2-3 min at room temperature**

Cell culture	CellCover volume
T 12,5	1,5 ml
T 25	2,5 ml
T 75	8,0 ml
T 175	18 ml
10cm dish	4,0 ml
- ③ **Remove CellCover**
- ④ **Add trypsin solution (e.g. Trypsin/EDTA 0,25% for adherent cells) and incubate for 5 min at 37°C (or until single cells detached)**
- ⑤ **Collect cells by centrifugation**
- ⑥ **Resuspend cells in CellCover and store at 4°C until needed or proceed with your (downstream) application(s)**

Possible downstream applications:

- Immunolabelling
- FACS
- Flow cytometry
- Microarray
- NGS
- PCR
- FISH
- Western Blot
- DNA/ RNA/ Protein isolation
- Many more applications

For questions concerning experimental strategies and special applications of Anacyte's products, please contact our support:

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