

# CELL COVER SALE

**20% OFF**  
**VALID UNTIL 31 DEC 2020**

## Manipulation Induced Change of Gene Expression.

Cells Treated with CellCover  
Maintain Their Native State.



**CellCover 50ml**  
Art.No: 800-050



**CellCover 125ml**  
Art.No: 800-125



**CellCover 250ml**  
Art.No: 800-250



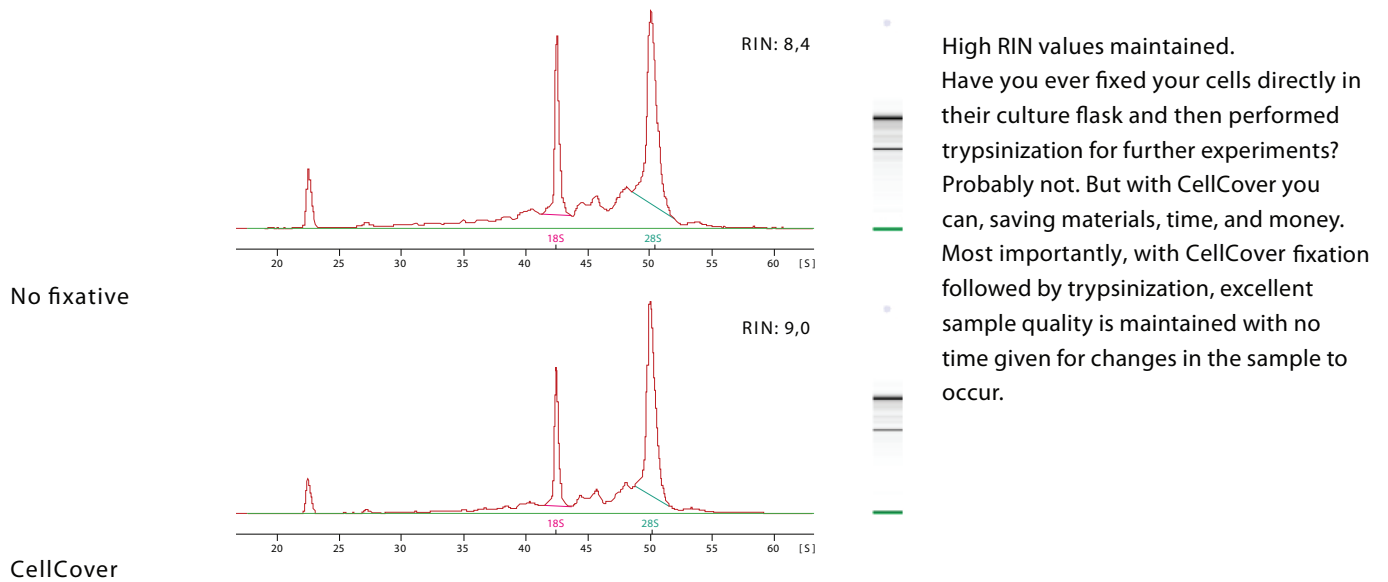
**CellCover 196 x 10ml**  
Art.No: 900-196

# Manipulation Induced Change of Gene Expression.

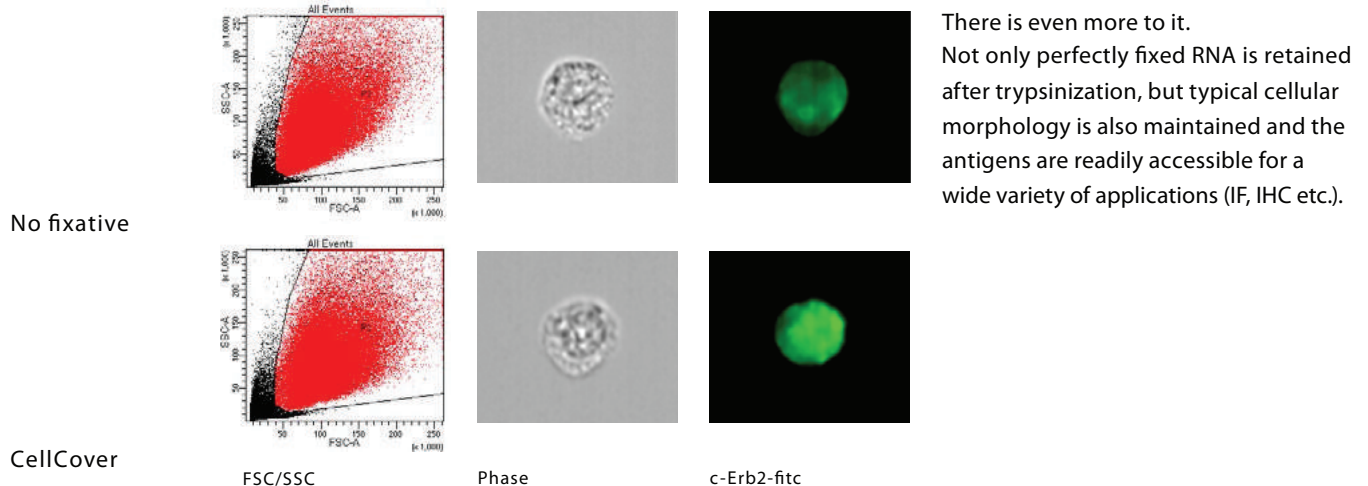
As soon as cells experienced changes in their environment they adapt signal transduction and gene expression to it. Thus, upon temperature change and/or cell culture medium removal and trypsinization, cells adapt transcriptome and proteome very rapidly. 1,2)

**Keeping the true cell.** The rapid fixation of RNA and proteins is very important for expression patterns to remain unchanged. Such rapid fixation is often at the expense of other factors such as molecule crosslinking by PFA or cell lysis by high-salt reagents that stabilize RNA. Not so with CellCover, which instantly fixes and stabilizes cells in their true state of RNA and protein expression.

## Cells Treated with CellCover Maintain Their Native State.



### Flow Cytometry with IMAGE STREAM

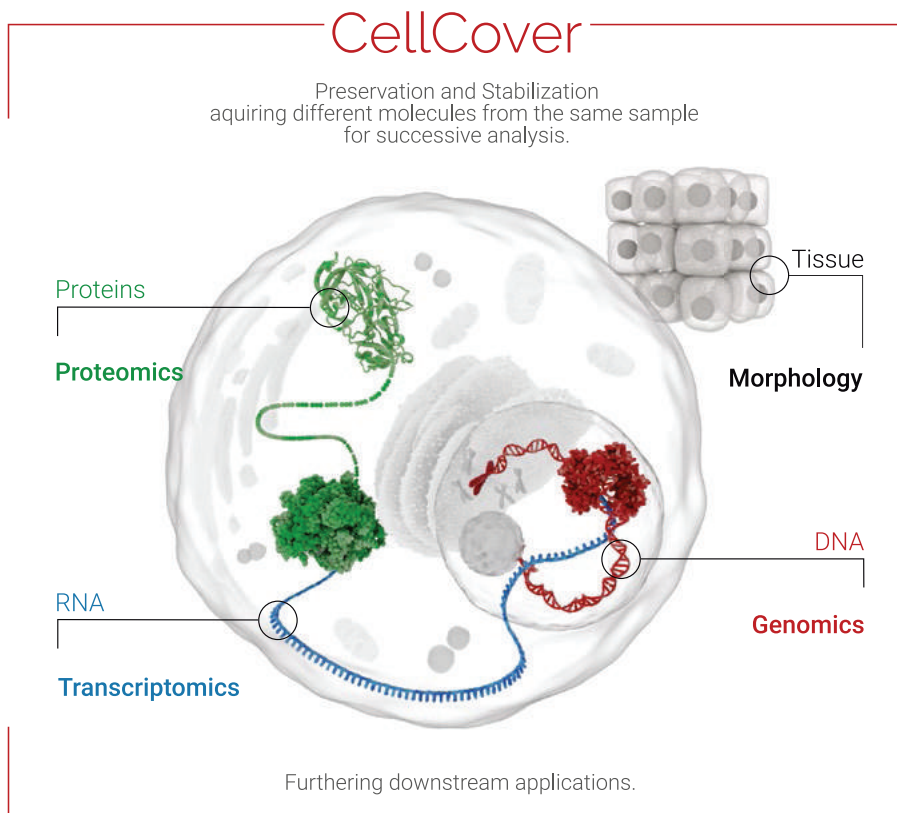


1) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2373944/>

2) <https://www.nature.com/articles/s41598-017-05580-x>

# CellCover

**The unique benefit.** CellCover is the only reagent that allows parallel storage of proteins, RNA, and DNA in their cellular context, maintaining cellular shape integrity without chemical crosslinking.



**The easy solution.** Application of CellCover is simple: remove cell culture medium, apply CellCover and incubate for two minutes. Then proceed with your standard protocol.



## Possible downstream applications:

- Batch and single cell analysis
- Flow cytometry / FACS
- Immunocytochemistry
- Immunohistochemistry
- FISH
- Microarray
- NGS
- PCR
- RNA Sequencing
- Northern Blotting
- Western Blotting
- Many more applications

For interest and quotes and for further questions concerning Anacyte's product and applications, please contact us at:

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