BECKMAN COULTER
Life Sciences

보다 빠른 사용자 친화적 시약 시스템

Vi-CELL BLU

세포 생존도 분석기

Promotion

2022. 3. 1. ~ 9. 30.

20% DISCOUNT
보상판매

Upgrade your Quality

- ⊘ 41% 높아진 공간활용도
- ⊘ 60% 감소된 샘플 필요량
- ⊘ 20% 빨라진 분석 시간
- ⊘ 더 높아진 재현성
- ⊘ 96well plate 또는
  24 position carousel
  옵션 사용 가능

NEW

Vi-CELL BLU Specifications

Feature	Vi-CELL BLU	Benefits
Auto sampler	Yes, 24 position	Walkaway operation
Sample from 96-well plate	Yes	• Convenience of loading samples at once • Walk away operation
Sample analysis time	<130 seconds Normal Mode <90 seconds FAST Mode Typical analysis time: Normal mode: 110 seconds FAST mode: 80 seconds 100 images, ~2x106 cells/ml	Time savings, increased throughput
Minimum sample volume	170 microliters in FAST mode 200 microliters in Normal mode	Less cell culture depletion from small scale cell cultures
Maximum sample volume	500 microliters	-
Facilitates 21 CFR Part 11	Yes	Compliance
Aspiration and trypan blue mixing	Adjustable	Helps optimize cell types, such as fragile cell lines. Added mixing helps separate sticky cells before analysis, improving results.
Default cell analysis parameters	Yes	Easy start-up
Ability to optimize analysis parameters	Yes	• Improved accuracy • Correlation to alternative method
Concentration range	5×10^4 to 1.5×10^7 cells/mL	Minimize need to dilute samples
Counting accuracy	Within 10% of Coulter Counter concentration for concentrations of 2e+6 or more	Confidence in answer
Counting accuracy	Concentration repeatability CV of $\pm 5\%$ for a common sample with greater than or equal to 2.0×10^6 particles/ml	Confidence in answer
Size range	2-60 microns	Improved measuring range for small cells and yeast
Out-of-range concentration flag	Yes	Automatically keeps operator informed
User-definable declustering options	Yes	Helps in optimizing cell types, such as "sticky cell lines" and helps number cells in clusters
Circularity measuremen	Yes	Helps in isolating debris from sample