

The NucleoCounter® NC-200™

The Most Precise Cell Counter



- Aggregated cells
- T cells (CAR-T)
- Cells growing on microcarriers
- Adipose derived stem cells

Calibrated volume for high precision!

DAPI

Acridine Orange

Key benefits of the NucleoCounter® NC-200™

- One step viability and cell count in less than 50 seconds
 - Total count
 - Viability
 - Cell diameter
 - % of aggregated cells
- No pre-treatment
- Fast and easy operation
- Maintenance and service free
- Safe sample handling and disposal
- Excellent reproducibility
- Flexible software package
- Automated PDF reports
- 21 CFR part11 ready

The NucleoCounter® NC-200™

The NucleoCounter® NC-200™ is an integrated fluorescence microscope with dual fluorescence channels designed to detect signals from cells stained with acridine orange and/or DAPI.

Viability and cell count have never been easier or more precise.

The NucleoCounter® NC-200™ is a giant step forward in automated cell counting. No need to add buffers or dyes. No need to calibrate.

Just prepare your cell suspension, load it into the disposable Vial-Cassette™ place the cassette in the slot and press RUN.

The NucleoCounter® NC-200™ is a compact instrument designed to fit perfectly in any mammalian cell laboratory performing research, quality control or monitoring of production.

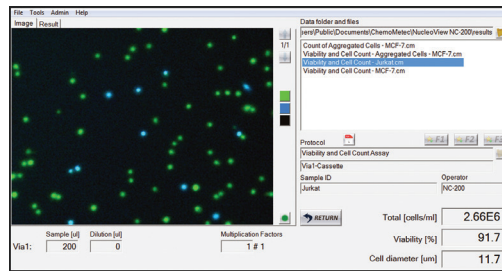
Easy, precise and objective

No need for pretreatment or calibration



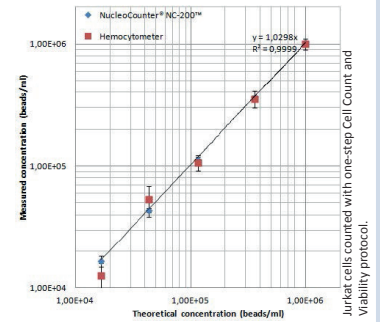
The Via1-Cassette™ has calibrated volume and contains dyes.

Fast and objective results with visual inspection in less than a minute



Total count, viability, cell diameter and percentage of aggregated cells.

Superior statistics and reproducibility



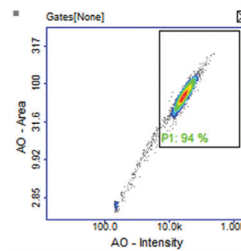
Excellent linearization of dilution ranges.

Automated PDF reports



Superior and flexible software

The NucleoCounter® NC-200™ comes with a superior software package. The user input of optional dilution of a sample is directly accounted for in the software. The protocols can easily be adapted to accommodate difficult cells with the wizard.

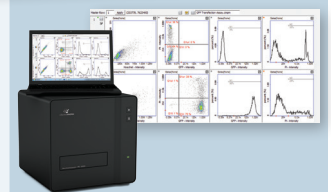


- Export of data to Excel, PDF, CSV
- Browse data from prior samples
- Easy selection of protocols
- Visual inspection of counted cells
- Fast selection of favorite protocols
- Wizard for protocol customization

NucleoCounter® NC-200™ specifications

Loading volume:	60 µl is loaded into the Via1-Cassette™
Measurement volume:	1,4 µl in the measurement chamber of the Via1-Cassette™
Analysis time:	50 seconds (one step), 120 seconds (two step)
Measurement range:	5 x 10 ³ to 1 x 10 ⁷ cells/ml
Optimal range:	5 x 10 ⁴ to 5 x 10 ⁶ cells/ml
Size:	38 x 26 x 22 cm (W x H x D), weight 3 kg
Software:	NucleoView™ NC-200 computer software for documentation and presentation

Do you want to know more about your cells?



Next generation cell analysis is here:

NucleoCounter® NC-3000™

Ask for more: +48 61 861 60 04

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