

Quick Guide

NucleoCounter® NC-202™



How to Perform a Count & Viability Analysis in 3 easy steps

- 1 Select the *Count & Viability* protocol from the drop-down menu, or via the *Select Protocol icon* 🚩

OPTIONAL: Enter Sample ID and Operator name



- 2 Invert the cell sample tube a few times and load it into the Via2-Cassette™
- 3 Place the Via2-Cassette™ into the instrument cassette fixture and start the analysis by pressing the RUN button or select the *Run icon* ▶ . A few moments later the analysis result will be displayed

Repeat steps 2 and 3 for each additional sample you want to analyze.

Visual inspection of data acquisition

1

Select the **Live** and **Dead** overlay checkboxes to enable display of both overlays

2

Inspect the image to evaluate how cells are analyzed and counted

NC-View

20190416-00009 Jurkat

Count & Viability

OPERATOR: NC202

SAMPLE ID: Jurkat

VOLUMES: Via2

Sample: 200

Dilution: 0

Dilution factor: 1

CHANNELS: AO, DAPI

OVERLAY: Live, Dead

RESULTS: TOTAL: 2.14E+06 cells/ml, VIABILITY: 93.9 %, DIAMETER: 10.6 μm

NAME	SAMPLE ID	TAGS	PROTOCOL	TOTAL (cells/ml)	LIVE (cells/ml)	DEAD (cells/ml)	VIABILITY (%)	DIAMETER (μm)	AGGREGATES (%)	DEBRIS INDEX	STATUS
20190416-00009	Jurkat		Count & Viability	2.14E+06	2.01E+06	1.32E+05	93.9	10.6	1.0	0	OK

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20190416-00009 Jurkat

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Export CM files as PDF reports

- 1 From the Main Window file list, select the file(s) you wish to export
- 2 Select the *PDF Report icon*  to open the print options window
- 3 Determine the destination folder for the PDF file(s) by selecting the *Folder icon* 
- 4 Determine the print options (result table, images, signatures) for the PDF report(s) and select OK to save the PDF report(s)



Export data to a spreadsheet

- 1 Select one or multiple files in the file list on the Main Window or in the File Browser (using ctrl and left click)
- 2 Copy the data by selecting the *Table data icon* 
- 3 Open your spreadsheet software and paste the copied data into your choice destination
- 4 In the sheet, each data point represents a row and each column represents a different identifier or analytical value

NOTE: If the data copies into a single column, the spreadsheet's Text-to-column tool should be used to split the data into individual columns.

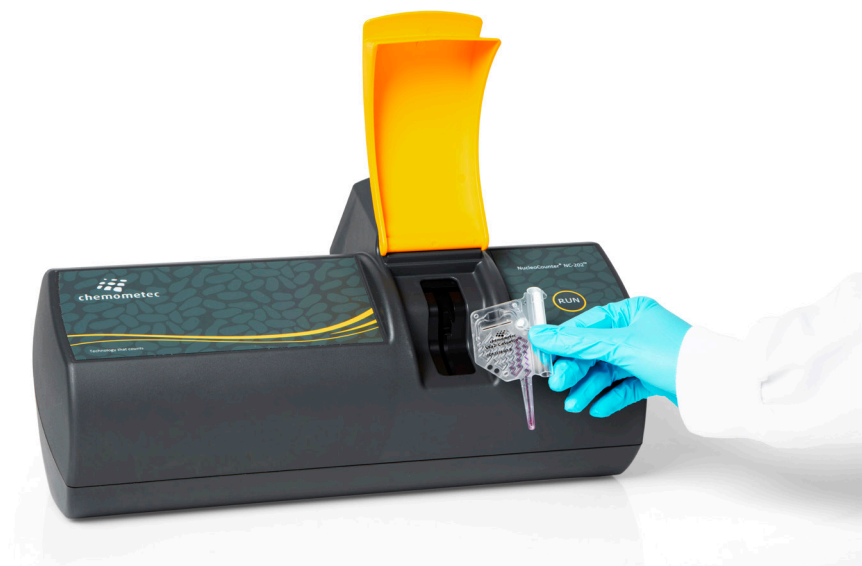
Additional Resources

Go to www.chemometec.com to find:

- Instrument Documentation
- Safety Data Sheet
- Application notes
- Certificates of analysis
- User Guides

Consumables/kits:

Item no.	Description
941-0024	Via2-Cassettes™ (1 box; 100 pcs)
929-0012	Laptop Stand II for NC-200 series
912-2021	IQ/OQ Test Kit for NucleoCounter® NC-202™
912-2022	PQ Test Kit for NucleoCounter® NC-202™



Want to know more?

For a more detailed introduction, please review the NucleoCounter® NC-202™ Instrument User Guide at www.chemometec.com/NC-202.

If you have any questions or concerns about your NucleoCounter® NC-202™ instrument, please do not hesitate to contact your local sales representative or reach out to our support scientists at support@chemometec.com.



Dedicated support worldwide

ChemoMetec is fully committed to the success and satisfaction of our customers. We offer training, applications support and dedicated field service teams to ensure our customers achieve optimal instrument performance and the best quality results in an easy and simple manner.

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