chemometec

NC-202 PQ Kit

Using the Via2-Cassette™ and Count & Viability Assay on the NucleoCounter® NC-202™

Product No. 912-2022
Lot No.: 1223-202
Release Date: Dec-2023
Expiry Date: Mar-2025
Application: **NC-202 PQ Kit** is part of the NucleoCounter® NC-202™ system and is used for performing performance qualification (PQ) using the **Via2-Cassette™ and the NC-View® Software on NC-202™**. For further information please refer to package insert.

	Results on Master Instrument	Accepted Range	CV %
Beads Low P/N: 071-0029	Count **8.69 x 10^4 beads/mL**	**6.08 - 11.29 x 10^4 beads/mL**	CV% < 28.0 %**
	Viability **0.6 %**	0.0 - 5.0 %	SD < 2.0*
Beads Medium P/N: 071-0030	Count **7.94 x 10^5 beads/mL**	**5.96 - 9.93 x 10^5 beads/mL**	CV% < 11.0 %**
	Viability **94.3 %**	91.0 - 97.0 %	CV% < 3.0 %
Beads High P/N: 071-0031	Count **6.92 x 10^6 beads/mL**	**5.68 - 8.17 x 10^6 beads/mL**	CV% < 6.0 %
	Viability **100.0** %	95.0 - 100.0 %	CV% < 3.0 %

* = When viability is close to 0, even insignificant changes in dead counts can result in extremely high CV%. Instead, Standard Deviation (SD) is used to evaluate the result.

** = The high Coefficient of Variation is primarely due to Poisson distribution.

This lot has been tested according to the internal ChemoMetec quality procedures. The lot meets or exceeds all product specifications.

This lot was released by: Jennifer Fermina Madsen, QC Specialist