

# 912-0007 YC-100™ Test Kit (diploid mode)

Certificate & Package Insert for lot 1017-15. Expire by Dec 2018

	ChemoMetec Master Instrument	Accept Criteria	
		Average of 5 analysis	CV%
BLANK (ZERO)	0.00 x 10 <sup>6</sup> beads/ml	0.00 – 0.20 x 10 <sup>6</sup> beads/ml	
Fluorescent beads	0.87 x 10 <sup>6</sup> beads/ml	0.67 – 1.07 x 10 <sup>6</sup> beads/ml	Max. 8%

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

## **Certificate released by Eva Louise Lange, QC Manager in October 2017.**

<b>Contents</b>	One vial containing 1.0 ml fluorescent bead suspension and one vial containing 1.5 ml of a bead free suspension (ZERO). The vials contain sufficient volume for at least five analyses. Discard the remaining suspension after use or when expiry date is reached.
<b>Application</b>	The YC-100™ Test Kit is intended to be used for routine check of the NucleoCounter® YC-100™ instrument. It is recommended to perform a test of the NucleoCounter® twice per year. The beads of the kit are fluorescent and will appear like yeast cells in the image presented by the NucleoView™ software.
<b>Procedure</b>	<ul style="list-style-type: none"><li>- The NucleoCounter® YC-100™ must be in "diploid" mode when using the YC-100™ Test Kit.</li><li>- Shake the Fluorescent bead vial vigorously for 5 seconds before use. In order to obtain a single-bead suspension it is extremely important to shake the vial sufficiently prior to use. Vortex mixing CANNOT replace shaking!</li><li>- After shaking, let the vial stand for 3-5 minutes to allow the foam to settle.</li><li>- BLANK: Remove the lid from vial, load a NucleoCassette™ with the solution and then carry out an analysis on the NucleoCounter®. Repeat the test procedure five (5) times using five NucleoCassettes™.</li><li>- Fluorescent beads: Invert the vial gently, remove the lid, load a NucleoCassette™ with the Fluorescent bead suspension and then carry out an analysis on the NucleoCounter®. Repeat the test procedure five (5) times using five NucleoCassettes™. Close the vial and invert it gently before each measurement in order to avoid settling of the beads.</li><li>- Calculate the average count in millions/ml for each suspension. Discard up to one outlier for each calculation of average counts.</li><li>- If the average counts are within the specified range (refer to the top of this document) the NucleoCounter® YC-100™ is working satisfactory. If the average counts are not within the acceptable range, this can be due to problems with the instrument, the NucleoCassettes™, the Test Kit or the handling of the system. Pay special attention to shaking of the bottles prior to use.</li></ul>
<b>Stability</b>	The storage stability after production is at least 9 months if stored at 2-6°C. See expiry dates on the kit labels and on top of certificate.
<b>Storage</b>	Store the kit at 2-6°C until opening. DO NOT FREEZE! After opening the kit shall be used immediately. After use discard the kit.
<b>Shipment</b>	The kit can be shipped at ambient temperature (0-50°C for max. 10 days).
<b>Safety Information</b>	This material is not considered hazardous. However, exercise due care and wash hands after usage as a precaution. Do not eat or drink the product.