

912-0013 **NC-200 PQ Kit 4**

Contents	<p>Three vials each containing 1.5 mL of fluorescent 10 µm beads in buffer solution: P/N 071-0024 – Beads Low: Low bead concentration – high viability P/N 071-0025 – Beads Medium: Medium bead concentration – medium viability P/N 071-0026 – Beads High: High bead concentration – low viability</p> <p>Buffer solution: 0.02% Tween-20 (CAS no. 9005-64-5), 2 mM NaN₃ (EINECS no. 247-852-1) in H₂O.</p>
Application	<p>NC-200 PQ Kit 4 is used for performing performance qualification (PQ) of NucleoCounter® NC-200. The PQ kit is not a counting standard.</p>
Principle	<p>NC-200 PQ Kit 4 contains multicoloured beads that allow testing of the performance of the counting capabilities of the NucleoCounter® NC-200. The vials contains various concentrations of two types of beads. Type 1 beads will be detected in both the AO and the DAPI channel. Type 2 will only be detected in the AO channel. Type 1 will be enumerated as "dead cells", whereas Type 2 will be enumerated as "viable cells" only. Both bead types will contribute to the total counts.</p>
Usage	<p>With respect to description of the detailed PQ procedure, please refer to the appropriate technical notes, certificate and user manuals for the NucleoCounter® NC-200 instrument and the NucleoView™ Software.</p> <p>The technical notes can be requested electronically from the ChemoMetec Support Team.</p> <p>NC-200 PQ Kit 4 is for research and development purposes only and is not for diagnostic or therapeutic use.</p>
Storage	<p>The fluorescent bead solution should be stored at 2-8°C.</p>
Stability	<p>The shelf life for the kit is 15 months from the production date. The expiry dates are shown on the kit as well as on the fluorescent bead vial label.</p> <p>Discard the NC-200 PQ Kit 4 after performing the PQ procedure.</p>
Safety Information	<p>Fluorescent bead solution: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>If a spill is observed perform a clean-up of the area, which may have been in contact with the solution.</p> <p>Use gloves and suitable protective clothing.</p> <p>Please also refer to SDS regarding safety information.</p>
Disposal of Waste	<p>After use the NC-200 PQ Kit 4 should be disposed of according to national or local laws and regulations regarding the nature of the mixture it contains.</p>