

Count Check Beads green

Product Name	Count Check Beads green
Code No.	05-4011_R
Content	Packing contains 2 x 25 ml ready-to-use solution for 50 tests

General Information:

Sysmex Partec Count Check Beads green are QC particles for absolute counting quality control on flow cytometers with and without True Volumetric Absolute Counting feature. The provided bead concentrations are simulating low cell counts in the range of 20-25 particles/ μ l (resp. 20.000-25.000 particles/ml). Count Check Beads green provide approved bead concentrations for each. For the specific precise bead concentration in each lot refer to the individual label on the vial.

Applications:

- Recommended weekly absolute counting quality control with standard settings

Method:

- Load recommended instrument settings (see manual)
- Shake the bottle thoroughly (for 2 min) before using
- Take a sample of 850 μ l of the Count Check Beads green into a sample tube. Avoid air bubbles
- Run sample
- After finishing start cleaning cycle

Flow Cytometric Analysis:

Count Check Beads green are analysed on a Partec Flow Cytometer with an excitation light source of 532 nm (green solid state laser). For detailed information please refer to the Instrument Operating Manual.

Recommended and Required Materials:

- Sysmex Partec Flow Cytometry instrument
- Sysmex Partec test tubes (Code No. 04-2000)
- Micropipettes and pipette tips

The above described preparation allows one run on the same sample.

For routine quality control, monitor CV values and gain settings.

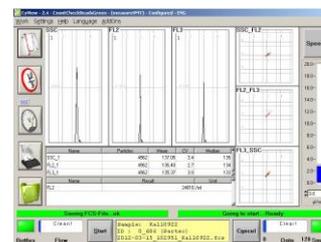


Fig.1: Standard histogram display for QC run on a Sysmex Partec Flow Cytometer using Count Check Beads green

Result:

Using a Sysmex Partec flow cytometer

- Beads concentration is displayed in the result field

Using FloMax software:

- Select VIEW, REGION STATISTICS in order to display the beads concentration per ml below the plots

Handling and Storage:

When stored at 2-8°C in the dark, Count Check Beads green are stable for 12 months. Do not freeze or expose to elevated temperatures.

Warnings and Precautions:

This product does not contain substances according to EU Regulation No 1907/2006 (REACH), annex II. Refer to the Safety Data Sheet for further information.

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