

Rev.: 001 Issued July 2014
 Read this package insert carefully before use

REF 05-4022

Calibration Beads UV 2.5 µm Concentrate

INTENDED USE

This micro bead suspension serves as a reference standard for the alignment and focusing of a flow cytometer with UV excitation. The fluorescence emission is between 400 and 470 nm. It can be used for daily quality control with standard settings.

KIT COMPONENTS

1.5 ml *Calibration Beads UV 2.5 µm Concentrate*
 (polystyrene microspheres in aqueous solution)

INSTRUCTIONS

For instrument alignment and quality control, please refer to the IFU of your Flow Cytometer.

Dilution for use:

Dilute one drop of *Calibration Beads UV 2.5 µm Concentrate* in 10 ml 0.1% NaCl solution. Mix suspension well before using.

The diluted beads suspension is not stable.

Instrument requirements:

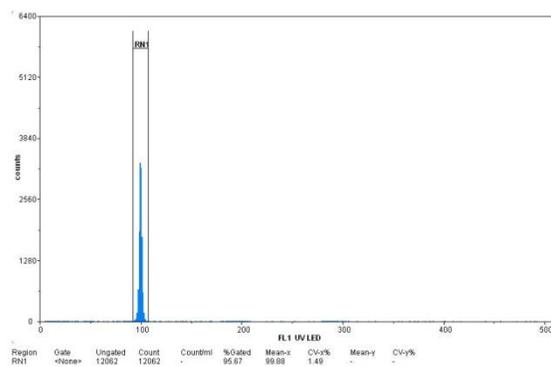
A flow cytometer with UV excitation, capable of analyzing fluorescence of $\lambda = 400 - 470$ nm.

Instrument settings:

- Light source: e.g. UV LED: 365 nm
- Trigger: Blue fluorescence, FSC or SSC
- Speed: 1 µl/sec

Data analysis:

- Signals of the beads can be displayed in the blue fluorescence histogram



Calibration Beads UV 2.5 µm measured on a CyFlow® Space; Trigger = FL1

STORAGE AND STABILITY

Storage: 2-8°C in the dark

Shelf life: please refer to the expiry date labeled on the bottle.

DISPOSAL PROCEDURE

Disposal procedure should meet requirements of applicable local regulations.

MANUFACTURER

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