

SpectroSort™ Beads

PRODUCT DETAILS	
Catalog Number:	B7-10006
Size:	Each vial contains 2 mL of SpectroSort™ Beads
Expiration Date:	Product expires 12 months from the date of opening. Please record the opening date on the vial.
Storage:	2-8°C and protected from light. Do not freeze
Volume Per Test:	1 drop / test
Application:	Flow cytometry
Formulation:	10 ⁸ particles/mL in water with 0.01% NP-40 and 0.02% Sodium Azide as preservative.
Limitations:	SpectroSort™ Beads are light sensitive and need protection from light. Avoid exposure to strong oxidizing agents, bases and extreme heat.

PRODUCT DESCRIPTION

This product contains 6.0-8.0 µm particles with a single fluorescent intensity. Every particle contains a mixture of fluorophores that enables the particles to be excited at any wavelength from 365 to 650 nm.

RECOMMENDED USAGE

SpectroSort™ Beads are used to set drop delay on Cytex® Aurora CS cell sorters. Dilute 1 drop of beads in 200 µL distilled water. Store the diluted beads solution at 2–8°C, protected from light, and discard the diluted beads after use.

SpectroSort™ Beads require SpectroFlo® CS software version 1.0 or later.

PROCEDURE

1. To prepare the diluted beads: Vortex the vial for 5 seconds. Add 1 drop of the SpectroSort™ Beads to a labeled 12 x 75 mm polystyrene or polypropylene tube, then add 200 µl distilled water. This dilution will provide the adequate number of particles to perform the drop delay setup with SpectroFlo® CS software. Vortex the diluted beads for 5 seconds to put beads into suspension.
2. Acquire in the flow cytometer shortly after resuspension. Avoid using a flow rate of greater than 4.

For Research Use Only. Not intended for use in diagnostic procedures.

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