

Rainbow Calibration Particles

Catalog Numbers A34305

Pub. No. MAN0017318 Rev. B.0

WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Product description

Rainbow Calibration Particles contain a mixture of 3.0 µm particles in 8 different fluorescent intensities. The calibration particles can be used for routine calibration of flow cytometers using wavelengths ranging from 365–650 nm.

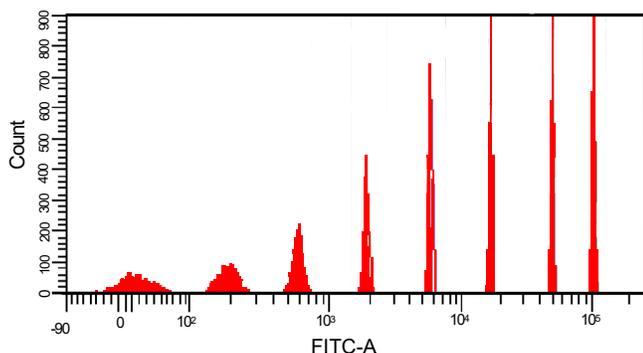


Fig. 1 Histogram analysis of particle fluorescence at 488-nm excitation and 530/30-nm emission.

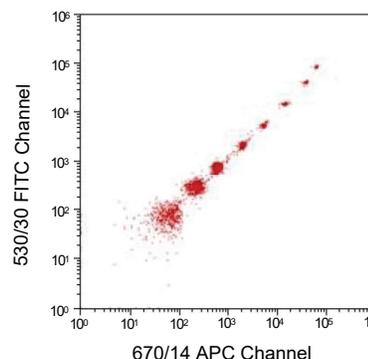


Fig. 2 Particle fluorescence plotted at 488-nm excitation and 530/30-nm emission versus 633-nm excitation and 670/14-nm emission.

Contents and storage

Component	Amount	Composition	Storage
Rainbow Calibration Particles	5 mL	1 × 10 ⁷ particles/mL in deionized water with 0.02% sodium azide and 0.01% NP-40	<ul style="list-style-type: none"> • 2–8°C • DO NOT FREEZE • Protect from light

Product use

For routine flow cytometer calibration, dilute 3–5 drops of Rainbow Calibration Particles in 1 mL of buffer.

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale at www.thermofisher.com/us/en/home/global/terms-and-conditions.html. If you have any questions, please contact Life Technologies at www.thermofisher.com/support.



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 For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

The information in this guide is subject to change without notice.

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Revision history: Pub. No. MAN0017318

Revision	Date	Description
B.0	18 November 2021	Updating the Figure 1 graph.

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