

Now sold as
Thermo Scientific

Cyto-Cal™ Count Control

Beads for absolute counting by flow cytometry

Applications:

- Flow Cytometry

Advantages:

Compatible with all flow cytometers

Accurate count verified by Duke Scientific analytical procedures

Multi-channel fluorescence for easy gating

Hydrophilic bead surface eliminates doublets

Superior bead size uniformity and dye intensity uniformity

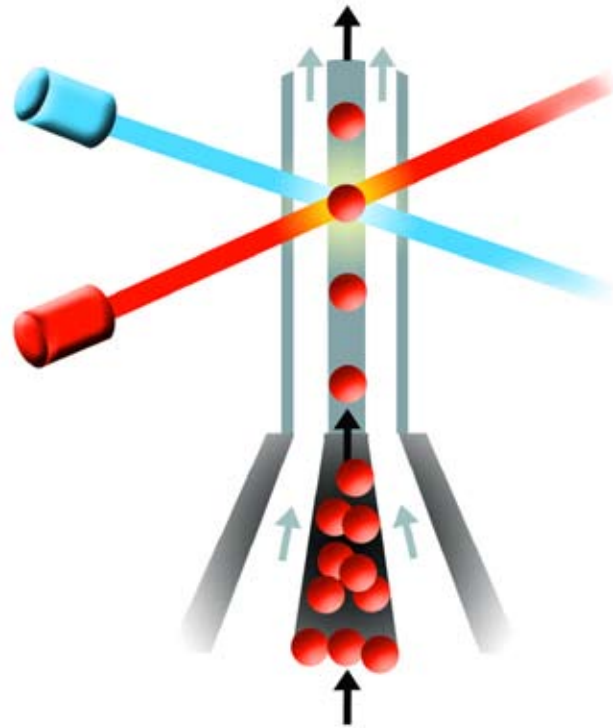
Thermally and photolytically stable

A history of more than thirty years experience in synthesis, dyeing, measuring, packaging and support

Benefits:

Confidence in instrument performance/results

Compliance with most QC programs



Product Description. The Cyto-Cal™ Count Control is designed for absolute cell counting on flow cytometers.

This product contains uniform 7 µm microspheres containing two encapsulated dyes. The single vial contains fluorescent beads which are precisely stained with fluorescent dyes that have optimized intensity and broad emission in multiple channels (FITC, PE, PE-Cy5).

Product Attributes

Particle Composition:	Polystyrene Microsphere Containing Encapsulated Dyes
Dyes:	Firefli™ Fluorescent Green (488/510 nm), and Red (570/600 nm)
Size(s):	7 µm Nominal Diameter
Concentration:	1,000,000 particles/mL ± 5%
Particle Density:	1.06 g/cm ³
Fill Volume:	10 mL
Content:	Dyed Polymer Microspheres in Water
Expiration Date:	> 12 months
Additives:	0.05% Tween-20 Dispersant / Surfactant with 2 mM Sodium Azide Preservative
Package Includes:	Package Insert Sheet with Count Data and Material Safety Data Sheet (MSDS)
Storage & Handling:	Refrigerate when not in use; do not freeze. Store upright and keep bottle tightly sealed. Mix product by gentle inversion by hand or vortex mixer.



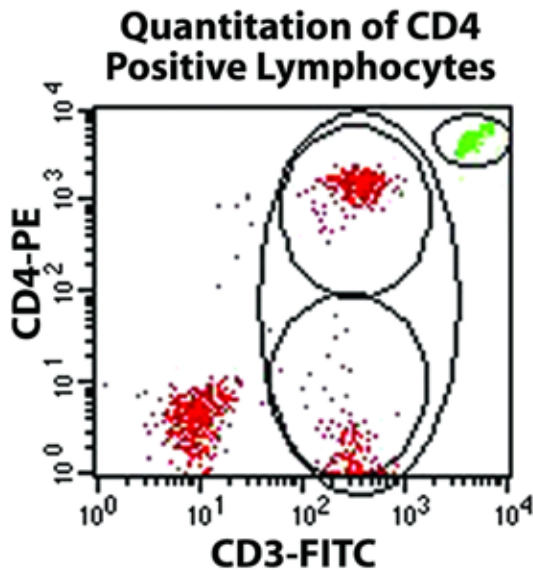
All product information/specifications subject to change.

Cyto-Cal™ Count Control

Beads for absolute counting by flow cytometry

Ordering Information

Catalog Number	Description	Quantity
FC7	Cyto-Cal™ Count Control	10 mL



Sales Bulletin 131B

9/15/07

All products are manufactured and packaged at our ISO 9001:2000 registered facility in Fremont. Please feel free to contact our technical service department if you have any questions about these products or have a special material requirement not listed here.

Due to minor variations between batches, mean diameters may change slightly from batch to batch.

LIMITED WARRANTY: These products are intended for laboratory use by trained scientific personnel. Determination of their suitability for a specific end-use is the responsibility of the user, who assumes all liability for loss or damage arising out of the use of the product. Rebottling or relabeling voids the warranty and certification. Microgenics Corporation's warranty is limited to the replacement of defective products if returned with our authorization within 60 days of purchase date.

THE FOREGOING WARRANTY SHALL BE IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL MICROGENICS BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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Cyto-Cal™ is a trademark of Microgenics Corporation.

Also available:

Sales Bulletin 123 Cyto-Cal™ Multifluor Fluorescence Intensity Calibrator

Sales Bulletin 124 Cyto-Cal™ Alignment Beads

Sales Bulletin 125 Cyto-Cal™ Low Intensity Calibrator

Coming Soon:

Sales Bulletin 501 Cyto-Cal™ Compensation Beads

Microgenics also provides products for multiplex assay development:

Sales Bulletin 109 Cyto-Plex™ Carboxylated Microspheres (4 μm)

Sales Bulletin 129 Cyto-Plex™ Carboxylated Microspheres (5 μm)

Sales Bulletin 128 Cyto-Plex™ Avidin Microspheres

Sales Bulletin 130 Cyto-Plex™ Carboxylated Multipack (4 & 5 μm)