

## Microsphere Price List

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## DYE-TRAK<sup>®</sup> microspheres

The Dye-Trak<sup>®</sup> and Dye-Trak<sup>®</sup> VII+ microspheres provide a proven non-radioactive method of measuring regional blood flow. These precisely dyed, highly uniform spheres are quantified by spectrophotometry.

### Recommended color order for Dye-Trak VII+ :

When using additional colors in an experiment, we recommend adding colors to the palette in the following order to minimize spill-over between colors. The spheres can be injected into the subject in any color order

**Using Process control:** Yellow, Persimmon, Orange, Lemon, Tangerine, Berry (using Navy as the control color).

**No Process Control:** Yellow, Persimmon, Navy, Orange, Lemon, Tangerine, Berry

We recommend only Cellosolve Acetate as a solvent for Dye-Trak VII+ microspheres. Original Dye-Trak colors will work with either DMF or Cellosolve Acetate as a solvent.

Free MS Excel software is available for inputting data from various spectrophotometers, doing color spill-over corrections and calculating blood flow for each tissue sample of an experiment. Variants of the software are available for different numbers of experimental colors, with and without Process Control. Contact Triton Technology for more information.

DYE-TRAK<sup>®</sup> is packaged in a concentration of 3 million microspheres (15µm diameter) per ml of injectable saline solution containing 0.05% Tween 80 (surfactant) and 0.01% Thimerosal (bacteriostat).

Dye-Trak<sup>®</sup> is available in many custom microsphere sizes from 3 to 100µm. Call with your specific requirements.

DYE-TRAK<sup>®</sup> is a registered trademark of Triton Technology. DYE-TRAK<sup>®</sup> is included by Triton Technology patents 5,230,343 and 5,253,649, German patent 40,19,025 and other foreign patents pending.

Part No.	Item		US list price
<b>Original Dye-Trak:</b>			
135-0370	<b>White DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 370nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0448	<b>Yellow DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 448nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0531	<b>Eosin DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 531nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0594	<b>Violet DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 594nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0672	<b>Blue DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 672nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
<b>Note: Blue has weak absorbance and should not be used as an experimental color. Only use Blue as a Process Control color.</b>			

## DYE-TRAK<sup>®</sup> microspheres (continued)

Part No.	Item		US list price
<b>Dye-Trak VII+:</b> (Use Cellosolve Acetate as the solvent)			
135-0390	<b>Lemon DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 390nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0448	<b>Yellow DYE-TRAK<sup>®</sup> VII+ microspheres*</b> <i>Absorbance maximum 448nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0495	<b>Orange DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 495nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0525	<b>Tangerine DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 525nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0545	<b>Persimmon DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 545nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0590	<b>Berry DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 590nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49
135-0650	<b>Navy DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 650nm. 6 million microspheres, 15µm diameter</i>	2ml	\$49

## DYE-TRAK® microspheres (continued)

Part No.	Item	US list price
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### Original Dye-Trak:

145-0370	<b>White DYE-TRAK® microspheres</b> <i>Absorbance maximum 370nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0448	<b>Yellow DYE-TRAK® microspheres</b> <i>Absorbance maximum 448nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0531	<b>Eosin DYE-TRAK® microspheres</b> <i>Absorbance maximum 531nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0594	<b>Violet DYE-TRAK® microspheres</b> <i>Absorbance maximum 594nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0672	<b>Blue DYE-TRAK® microspheres</b> <i>Absorbance maximum 672nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165

We don't recommend Blue as an experimental color. Use Blue only as a Process Control color.

### Dye-Trak VII+: (Use Cellosolve Acetate as the solvent)

145-0390	<b>Lemon DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 390nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0448	<b>Yellow DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 448nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0495	<b>Orange DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 495nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0525	<b>Tangerine DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 525nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0545	<b>Persimmon DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 545nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0590	<b>Berry DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 590nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165
145-0650	<b>Navy DYE-TRAK® VII+ microspheres</b> <i>Absorbance maximum 650nm. 30 million microspheres, 15µm diameter</i>	10ml	\$165

## DYE-TRAK<sup>®</sup> microspheres (continued)

Part No.	Item		US list price
<b>Original Dye-Trak:</b>			
155-0370	<b>White DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 370nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0448	<b>Yellow DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 448nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0531	<b>Eosin DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 531nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0594	<b>Violet DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 594nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0672	<b>Blue DYE-TRAK<sup>®</sup> microspheres</b> <i>Absorbance maximum 672nm. 60 million microspheres, 15µm diameter</i>  We don't recommend Blue as an experimental color. Use Blue only as a Process Control color.	20ml	\$317

## Dye-Trak VII+: (Use Cellosolve Acetate as the solvent)

155-0390	<b>Lemon DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 390nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0448	<b>Yellow DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 448nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0495	<b>Orange DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 495nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0525	<b>Tangerine DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 525nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0545	<b>Persimmon DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 545nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0590	<b>Berry DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 590nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317
155-0650	<b>Navy DYE-TRAK<sup>®</sup> VII+ microspheres</b> <i>Absorbance maximum 650nm. 60 million microspheres, 15µm diameter</i>	20ml	\$317

## DYE-TRAK 'F' *FLUORESCENT* microspheres

The Dye-Trak 'F' microspheres are now available in 4-color fluorescently dyed family. Dye-Trak 'F' microspheres are precisely dyed, highly uniform spheres are quantified by fluorescence spectrophotometry. Fluorescent colors are used with larger volumes of solvent for ease of use. Dye-Trak 'F' fluorescent colors have sharp, widely separated peaks and require no mathematical processing of the data. A fifth fluorescent color, Navy, is available for use as a Process Control color to detect and correct for the loss of microspheres during tissue processing. These colors are used with Cellosolve Acetate as a solvent.

The University of Washington Fluorescent Microsphere Resource Center (FMRC) did a validation study on Dye-Trak 'F' which is available at:

<http://fmrc.pulmcc.washington.edu/ResVal/Triton4.shtml>

Dye-Trak 'F' is packaged in a concentration of 1 million microspheres (15µm diameter) per ml of injectable saline solution containing 0.05% Tween 80 (surfactant) and 0.01% Thimerosal (bacteriostat).

Dye-Trak 'F' is available in many custom microsphere sizes from 3 to 100µm . Please call with your specific requirements.

DYE-TRAK® is a registered trademark of Triton Technology Inc. DYE-TRAK® is covered by Triton Technology patents 5,230,343 and 5,253,649, German patent 40,19,025 and other foreign patents pending.

Part No.	Item		US list price
130-0445	<b>Fluorescent Lemon - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 390nm / Recommended Emission 445nm. 2 million 15µm diameter in an injectable saline solution.</i>	2ml	\$27
130-0485	<b>Fluorescent Yellow - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 440nm / Recommended Emission 485nm. 2 million 15µm diameter in an injectable saline solution.</i>	2ml	\$27
130-0525	<b>Fluorescent Orange Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 495nm / Recommended Emission 525nm. 2 million 15µm diameter in an injectable saline solution.</i>	2ml	\$27
130-0575	<b>Fluorescent Persimmon - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 545nm / Recommended Emission 575nm. 2 million 15µm diameter in an injectable saline solution.</i>	2ml	\$27
130-0670	<b>Fluorescent Navy - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 640nm / Recommended Emission 670nm. 2 million 15µm diameter in an injectable saline solution.</i>	2ml	\$27

*Note: Fluorescent Navy should only be used as a 'process control' color due to its limited dynamic range.*

**NOTE:** The four Dye-Trak 'F' fluorescent colors can be used with two of the Molecular Probes colors ( Red and Carmine) to make a 6-color set of fluorescent colors which can be used together without the need to do a mathematical spill-over correction.

For the 6-color information see: [www.physiology.com/6fluro.pdf](http://www.physiology.com/6fluro.pdf)

## DYE-TRAK® FLUORESCENT microspheres (continued)

Part No.	Item		US list price
140-0445	<b>Fluorescent Lemon - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 390nm / Recommended Emission 445nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$125
140-0485	<b>Fluorescent Yellow - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 440nm / Recommended Emission 485nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$125
140-0525	<b>Fluorescent Orange Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 495nm / Recommended Emission 525nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$125
140-0575	<b>Fluorescent Persimmon - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 545nm / Recommended Emission 575nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$125
140-0670	<b>Fluorescent Navy - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 640nm / Recommended Emission 670nm. 10 million 15µm diameter in an injectable saline solution.</i>  <i>Navy should only be used as a 'Process Control' color due to it's limited dynamic range.</i>	10ml	\$125

**NOTE:** The four Dye-Trak 'F' fluorescent colors can be used with two of the Molecular Probes colors ( Red and Carmine) to make a 6-color set of fluorescent colors which can be used together without the need to do a mathematical spill-over correction.

For the 6-color information see: [www.physiology.com/6fluro.pdf](http://www.physiology.com/6fluro.pdf)

**DYE-TRAK® FLUORESCENT microspheres (continued)**

Part No.	Item		US list price
150-0445	<b>Fluorescent Lemon - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 390nm / Recommended Emission 445nm.                      20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$228
150-0485	<b>Fluorescent Yellow - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 440nm / Recommended Emission 485nm.                      20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$228
150-0525	<b>Fluorescent Orange Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 495nm / Recommended Emission 525nm.                      20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$228
150-0575	<b>Fluorescent Persimmon - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 545nm / Recommended Emission 575nm.                      20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$228
150-0670	<b>Fluorescent Navy - Dye-Trak 'F' microspheres</b> <i>Recommended Excitation 640nm / Recommended Emission 670nm.                      20 million 15µm diameter in an injectable saline solution.                      Note: Navy should only be used as a 'process control' color due to it's                      limited dynamic range</i>	20ml	\$228

*NOTE: The four Dye-Trak 'F' fluorescent colors can be used with two of the Molecular Probes colors ( Red and Carmine) to make a 6-color set of fluorescent colors which can be used together without the need to do a mathematical spill-over correction.*

For the 6-color information see: [www.phyiology.com/6fluro.pdf](http://www.phyiology.com/6fluro.pdf)

## FluoSpheres® fluorescent microspheres (Molecular Probes Packaging)

FluoSpheres® fluorescent microspheres provide a highly sensitivity tool for the measurement of regional blood flow quantified by fluorescence spectrofluorometry.

Each 10ml bottle with 10 micron beads contains 36 million spheres and each 10ml bottle with 15 micron beads contains 10 million spheres. The 20ml sizes contain 72 million and 20 million spheres respectively. All spheres are suspended in a injectable saline solution with .05% Tween 20 and .02% Thimerosal as a bacteriostat.

These products are covered by Triton Technology patents 5,230,343, 5,253,649 and pending, plus foreign patents issued and pending. The dyes are covered by Molecular Probes patents 5,187,288 , 5,248,782 and pending. FluoSpheres is a registered trademark of Molecular Probes, Inc.

<b>Part No.</b>	<b>Item</b>	<b>US list price</b>
<b>F-8829</b>	<b>Blue FluoSpheres® microspheres</b> <i>Excitation wavelength 365nm, Emission wavelength 415nm. 36 million 10µm diameter in an injectable saline solution.</i>	<b>10ml \$197</b>
<b>F-8830</b>	<b>Blue-Green Fluospheres® microspheres</b> <i>Excitation wavelength 430nm, Emission wavelength 465nm. 36 million 10µm diameter in an injectable saline solution.</i>	<b>10ml \$197</b>
<b>F-8831</b>	<b>Crimson FluoSpheres® mcrospheres</b> <i>Excitation wavelength 625nm, Emission wavelength 645nm. 36 million 10µm diameter in an injectable saline solution.</i>	<b>10ml \$197</b>
<b>F-8833</b>	<b>Orange FluoSpheres® microspheres</b> <i>Excitation wavelength 540nm, Emission wavelength 560nm. 36 million 10µm diameter in an injectable saline solution.</i>	<b>10ml \$197</b>
<b>F-8834</b>	<b>Red FluoSpheres® microspheres</b> <i>Excitation wavelength 580nm, Emission wavelength 605nm. 36 million 10µm diameter in an injectable saline solution.</i>	<b>10ml \$197</b>
<b>F-8836</b>	<b>Yellow-Green FluoSpheres® microspheres</b> <i>Excitation wavelength 505nm, Emission wavelength 515nm. 36 million 10µm diameter in an injectable saline solution.</i>	<b>10ml \$197</b>

## FluoSpheres® Molecular Probes Packaging (continued)

Part No.	Item		US list price
F-8837	<b>Blue FluoSpheres® microspheres</b> <i>Excitation wavelength 365nm, Emission wavelength 415nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-8838	<b>Blue-Green FluoSpheres® microspheres</b> <i>Excitation wavelength 430nm, Emission wavelength 465nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-8839	<b>Crimson FluoSpheres® microspheres</b> <i>Excitation wavelength 625nm, Emission wavelength 645nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-8841	<b>Orange FluoSpheres® microspheres</b> <i>Excitation wavelength 540nm, Emission wavelength 560nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-8842	<b>Red FluoSpheres® microspheres</b> <i>Excitation wavelength 580nm, Emission wavelength 605nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-8843	<b>Scarlet FluoSpheres® microspheres</b> <i>Excitation wavelength 645nm, Emission wavelength 680nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-8844	<b>Yellow-Green FluoSpheres® microspheres</b> <i>Excitation wavelength 505nm, Emission wavelength 515nm 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-21010	<b>Green FluoSpheres® microspheres</b> <i>Excitation wavelength 450nm, Emission wavelength 480nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-21011	<b>Yellow FluoSpheres® microspheres</b> <i>Excitation wavelength 515nm, Emission wavelength 534nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-21012	<b>Red-orange FluoSpheres® microspheres</b> <i>Excitation wavelength 565nm, Emission wavelength 580nm. 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197
F-21013	<b>Carmin FluoSpheres® microspheres</b> <i>Excitation wavelength 580nm, Emission wavelength 620nm 10 million 15µm diameter in an injectable saline solution.</i>	10ml	\$197

## FluoSpheres® fluorescent microspheres (Triton Technology Packaging)

FluoSpheres® are non-radioactive fluorescent microspheres for high sensitivity measurement of regional blood flow determination quantified by spectrofluorometry.

Each 20ml bottle contains 20 million spheres, 15 micron in diameter, in a saline solution, with .05% Tween 20 and .02% Thimerosal as a bacteriostat.

These products are covered by Triton Technology patents 5,230,343, 5,253,649 and pending, plus foreign patents issued and pending. The dyes are covered by Molecular Probes patents 5,187,288, 5,248,782.

FluoSpheres is a registered trademark of Molecular Probes, Inc.

Part No.	Item		US list price
F-17091	<b>Blue FluoSpheres® microsphere:</b> <i>Excitation wavelength 365 nm, Emission wavelength 415 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17092	<b>Blue-Green FluoSpheres® microsphere</b> <i>Excitation wavelength 430 nm, Emission wavelength 465 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17093	<b>Crimson FluoSpheres® microsphere</b> <i>Excitation wavelength 625 nm, Emission wavelength 645 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17094	<b>Green FluoSpheres® microsphere:</b> <i>Excitation wavelength 450 nm, Emission wavelength 480 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17095	<b>Orange FluoSpheres® microsphere</b> <i>Excitation wavelength 540 nm, Emission wavelength 560 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17096	<b>Red FluoSpheres® microsphere:</b> <i>Excitation wavelength 580 nm, Emission wavelength 605 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17097	<b>Scarlet FluoSpheres® microsphere:</b> <i>Excitation wavelength 645 nm, Emission wavelength 680 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354
F-17098	<b>Yellow-Green FluoSpheres® microsphere</b> <i>Excitation wavelength 505 nm, Emission wavelength 515 nm. 72 million 10µm diameter in an injectable saline solution.</i>	20ml	\$354

## FluoSpheres® fluorescent microspheres (Triton Technology Packaging)

Part No.	Item		US list price
255-9890	<b>Blue FluoSpheres® microsphere</b> <i>Excitation wavelength 365 nm, Emission wavelength 415 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9891	<b>Yellow-Green FluoSpheres® microsphere</b> <i>Excitation wavelength 505 nm, Emission wavelength 515 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9892	<b>Orange FluoSpheres® microsphere</b> <i>Excitation wavelength 540 nm, Emission wavelength 560 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9893	<b>Red FluoSpheres® microsphere</b> <i>Excitation wavelength 580 nm, Emission wavelength 605 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9894	<b>Crimson FluoSpheres® microsphere</b> <i>Excitation wavelength 625 nm, Emission wavelength 645 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9895	<b>Scarlet FluoSpheres® microsphere</b> <i>Excitation wavelength 645 nm, Emission wavelength 680 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9896	<b>Blue-Green FluoSpheres® microsphere</b> <i>Excitation wavelength 430 nm, Emission wavelength 465 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9897	<b>Green FluoSpheres® microsphere</b> <i>Excitation wavelength 450 nm, Emission wavelength 480 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9898	<b>Yellow FluoSpheres® microsphere</b> <i>Excitation wavelength 515 nm, Emission wavelength 535 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9899	<b>Red-orange FluoSpheres® microsphere</b> <i>Excitation wavelength 565 nm, Emission wavelength 580 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354
255-9900	<b>Carmin FluoSpheres® microsphere</b> <i>Excitation wavelength 580 nm, Emission wavelength 620 nm. 20 million 15µm diameter in an injectable saline solution.</i>	20ml	\$354

## Microsphere Filters

Part No.	Item	US list price
<b>31079</b>	<b>Filter Membranes</b> <i>Box of 100 polyester membranes, 25mm in diameter, 10µm pore size for use with FluoSpheres (200 000 pores/cm<sup>2</sup>)</i>	<b>\$100</b>