

TECHNICAL DATA SHEET 520

Page 1 of 1

Confocal Microscopy, Multifluorescent Adjustment & Calibration Kit

Description

The microspheres on all slides are simultaneously excitable with illumination wavelengths of 458nm, 488nm, 514nm, 543nm, 568nm, 633nm and 647nm, and emit fluorescent light simultaneously at 525nm, 590nm and 660nm (emission max).

Kit Components

- 1 coverglass mirror mounted with Mowiol
- 2 slides with 0.2 μ m latex particles in Mowiol*
- 2 slides with 0.5 μ m latex particles in Mowiol*
- 1 slide with 1.0 μ m latex particles in Mowiol*

* Exact diameter and standard deviation are given on each slide.

Applications

- Mirror test for z-resolution and determination of aberrations of the objective lenses.
- Determination of the real point spread function (according to Huygens) of your objective lens.
- Alignment of pinholes and other optical elements.
- Adjustment of the parfocality of the different laser lines according to x-, y- and z-axis.
- Calibration of measurements.
- Determination of resolving power of light and confocal microscopes.

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

Ordering Information

Cat. #	Description	Size
24016-1	Confocal Microscopy, Multifluorescent Adjustment and Calibration Kit (Ready-to-Use)	1 kit

To Order

In The U.S. Call: 1-800-523-2575 • 215-343-6484

In The U.S. FAX: 1-800-343-3291 • 215-343-0214

In Germany Call: (49) 6221-765767

In Germany FAX: (49) 6221-764620

Order online anytime at www.polysciences.com.