



Light Microscopy Research Group – Study #3

Test Sample Kits

Test Kit Includes:

1. Tube 1 – PSF Analysis

0.1 μm FluoroSpheres beads 505/515 (ThermoFisher, Cat# F-8803)

1.0 μm FluoroSpheres beads 540/560 (ThermoFisher, Cat# F-8820)

2. Tube 2 – Intensity/SNR Analysis

2.5 μm InSpeck beads 505/515 (ThermoFisher, Cat# I-7219)

2.5 μm InSpeck beads 580/605 (ThermoFisher, Cat# I-7224)

3. 500 μl of CyGel (BioStatus, Cat# Cy10500)

4. Three (3) microscope slides (Fisherbrand, Cat# 12-522-3)

5. Three (3) double-sided adhesive spacers, 9 x 0.12 mm well
(Electron Microscopy Sciences, Cat# 70327-8S)

6. Four (4) coverslips, 18 x 18 mm (Fisherbrand, Cat# 12541A)

Required Materials (Not Included):

1. Automatic Pipettes (2-20 μl , 20-200 μl)

2. Sonicator

3. Ice bath

4. Vortex

5. Fine forceps

6. Clear nail polish



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