

## QuickCOMP 4 Kit

CD45-FITC - 50 tests

CD45-PE - 50 tests

CD45-ECD - 50 tests

CD45-PC5 - 50 tests

177017

## QuickCOMP 2 Kit

CD45-FITC - 50 tests

CD45-PE - 50 tests

177018

PN 177316-B



	CD45-FITC	CD45-PE	CD45-ECD	CD45-PC5
<b>Specificity</b>	Pan leukocyte	Pan leukocyte	Pan leukocyte	Pan leukocyte
<b>Clone</b>	J33	J33	J33	J33
<b>Hybridoma</b>	NS1 x Balb/c	NS1 x Balb/c	NS1 x Balb/c	NS1 x Balb/c
<b>Immunogen</b>	Lazz 221 human cell line	Lazz 221 human cell line	Lazz 221 human cell line	Lazz 221 human cell line
<b>Ig Chain</b>	IgG1	IgG1	IgG1	IgG1
<b>Species</b>	Mouse	Mouse	Mouse	Mouse
<b>Source</b>	Ascites fluid	Ascites fluid	Ascites fluid	Ascites fluid
<b>Purification</b>	Ion exchange or Affinity chromatography	Ion exchange or Affinity chromatography	Ion exchange or Affinity chromatography	Ion exchange or Affinity chromatography
<b>Fluorescence</b>	Excites at 468-509 nm Emits at 504-541 nm	Excites at 486-580 nm Emits at 568-590 nm	Excites at 486-580 nm Emits at 610-635 nm	Excites at 486-580 nm Emits at 660-680 nm
<b>Conjugation</b>	FITC (Fluorescein Isothiocyanate)	PE (Phycoerythrin)	ECD (Phycoerythrin-Texas Red®X)	PC5 (Phycoerythrin-Cy5)
<b>Molar Ratio</b>	3 - 10	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5

## REAGENTS FOR ADJUSTING COLOR COMPENSATION SETTINGS ON FLOW CYTOMETERS USING FULL MATRIX COMPENSATION FOR MULTI-COLOR ANALYSIS

### For In Vitro Diagnostic Use

### INTENDED USE

The QuickCOMP 4 Kit consists of four single-color fluorescent reagents comprised of one monoclonal antibody each. Each antibody is labeled with one of four fluorochromes: FITC, PE, ECD or PC5.

The QuickCOMP 2 Kit consists of two single-color fluorescent reagents comprised of one monoclonal antibody each. Each antibody is labeled with either FITC or PE.

The QuickCOMP 4 Kit and the QuickCOMP 2 Kit may be used with the CYTO-COMP™ Cell Kit to adjust color compensation settings on a flow cytometer equipped with AutoSetup software, prior to multi-color analysis with FITC, PE, ECD and/or PC5 conjugated monoclonal antibody reagents.

Refer to the CYTO-COMP Cell Kit (PN 6607023) package insert for cell preparation instructions.

### REAGENTS CONTAINED IN KIT

QuickCOMP 4 Kit, PN 177017

PN 177114 CD45-FITC - 50 tests

PN 177115 CD45-PE - 50 tests

PN 177116 CD45-ECD - 50 tests

PN 177117 CD45-PC5 - 50 tests

QuickCOMP 2 Kit, PN 177018

PN 177114 CD45-FITC - 50 tests

PN 177115 CD45-PE - 50 tests

### REAGENT CONTENTS

The concentration of nonantibody reagents is 0.2% BSA, 0.01 M potassium phosphate, 0.15 M NaCl, 0.1% NaN<sub>3</sub> and stabilizers.

### STATEMENT OF WARNINGS

1. These reagents contain 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.
2. Specimens, samples and all material coming in contact with them should be handled as if capable of

transmitting infection and disposed of with proper precautions.

3. Never pipet by mouth and avoid contact with skin and mucous membranes.
4. Harmful if swallowed.
5. After contact with skin, wash immediately with plenty of water.
6. Do not use reagents beyond the expiration date on the kit label.
7. Minimize exposure of reagents to light during storage and incubation.
8. Use Good Laboratory Practices (GLP) when handling these reagents.

### STORAGE CONDITIONS AND STABILITY

Unopened reagents are stable to the expiration date on the vial label when stored at 2-8°C. Open vials are stable for 90 days when stored at 2-8°C. Return reagents to 2-8°C immediately after use. Do not freeze. Minimize exposure to light.

### EVIDENCE OF DETERIORATION

Any change in the physical appearance of reagents\* may indicate deterioration and reagents should not be used. Bring reagents to 20-25°C prior to use.

### \*Normal Appearance of Reagents

FITC-labeled	Clear, colorless to yellow liquid
PE-labeled	Clear, colorless to pinkish liquid
ECD-labeled	Clear, colorless to pinkish liquid
PC5-labeled	Clear, colorless to pinkish liquid

### REAGENT PREPARATION

No preparation is necessary. These monoclonal antibody reagents are used directly from the vial. Bring reagent to 18-25°C prior to use.

### PROCEDURE

#### Sample Preparation

1. Refer to the CYTO-COMP Cell Kit (PN 6607023) package insert for cell preparation instructions.
2. Choose the appropriate combination(s) of fluorochrome reagents for your multi-color application.
3. Pipet 20 µL of the QuickCOMP reagent(s) into separate, labeled test tubes.
4. Add 100 µL of prepared CYTO-COMP Cells to each test tube.
5. Vortex gently and incubate in the dark at 20-25°C for 15 minutes.
6. Add 1 mL of Phosphate Buffered Saline to each test tube for CYTO-COMP Cells.
7. Vortex gently.
8. Prepared samples can be stored at room temperature protected from light if flow cytometric analysis occurs within 2 hours of preparation. Otherwise, cover

samples and store in the dark at 2-8°C for up to 24 hours.

### Setting Color Compensation

1. Ensure flow cytometer has been properly aligned and standardized.
2. Analyze samples with the same standardized high voltage and gain settings used for your multi-color application.
3. Instrument voltage standardization, color compensation and antibody verification are performed automatically. For instructions on performing the AutoSetup procedures, refer to the appropriate instrument manuals/on-line help.
4. Transfer the established color compensation settings to the protocol used in your multi-color analysis.

### PRODUCT AVAILABILITY

QuickCOMP 4 Kit, PN 177017

QuickCOMP 2 Kit, PN 177018

For additional information in the USA, call 800-526-7694. Outside the USA, contact your local Beckman Coulter Representative.

### TRADEMARKS

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Beckman Coulter, Inc.  
4300 N. Harbor Blvd.  
Fullerton, CA 92835  
[www.beckmancoulter.com](http://www.beckmancoulter.com)



Beckman Coulter Ireland Inc.  
Mervue Business Park,  
Mervue Galway,  
Ireland (353 91 774068)

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