PerFix-nc Kit

PerFix-nc Kit - Permeabilization and Staining Procedure

1. Take 5 mL of the Fixative Reagent and add immediately to each tube.
2. Incubate at room temperature (18-25°C) for 15 min.
3. Vortex immediately (instantly after step 2).
4. Pipet 50 μL of blood sample into the bottom of each relevantly labeled tube.
5. Pipet 5 L of Buffer 1 (Fixative Reagent) to each tube.
6. Vortex again the fixed blood and add 3 mL of the Final 1X Reagent (prepared from the 10X concentration) to each tube.
7. Add 3 mL of the Final 1X Reagent to each tube.
8. Incubate for 50 min at 20°C.
9. Add immediately to each tube the final 10X Solution (Permeabilizing Reagent) and added altogether at the end of the fixation incubation.
10. Vortex and incubate in the dark for 15-30 min at room temperature.

PerFix-nc Promise

- Less than 15 minutes actual hands on time
- No centrifuge. No wash lengthy procedures
- Precise and consistent results
- Simple and cost effective
- Adapted to specific antigen detection requirements
- Incubate surface and intracellular simultaneously
- Room temperature (no water bath or ice required)
- Remarkable cell recovery and gate purity
- Best-in-class for RMF

Surface & intracellular staining in a single step

- Enhanced detection of intracellular epitopes
- Improved signal-to-noise ratio of intracellular staining
- Simplify the workload necessary for the sample preparation
- Accurate detection of both intracellular and extracellular epitopes are obtained, while:
  - Enhance the signal-to-noise ratio of intracellular staining
  - Simplify the workload necessary for the sample preparation
- An innovative tool for flow cytometric analysis of multiple intracellular epitopes, or both multiple intracellular and cell surface markers, by fixation, permeabilization and staining of human leukocytes from peripheral whole blood, together with erythrocyte lysis, all without centrifugation!

PerFix-nc Kit

- Best-in-class for RMF
- Remarkable cell recovery and gate purity
- Room temperature (no water bath or ice required)
- Incubate surface and intra markers simultaneously
- adaptable to specific antigen detection requirements
- no centrifuge, no wash straight procedure
- less than 15 minutes actual hands-on time
- Automation of the perfix-nc Straight procedure is rendered possible thanks to the removal of the washing steps
- Perfix-nc PROMISES

PerFix-nc Kit

Component:
- Fixative Reagent
- PerFix-nc Buffer 1
- PerFix-nc Buffer 2
- PerFix-nc Buffer 3
- Permeabilizing Reagent

Ordering Information:
- PerFix-nc Kit - PN B10825 - 75 tests
- PerFix-nc #1
- PerFix-nc #2
- PerFix-nc #3

5 10 30 50 20 40 60 15 35 55 25 45 65 75 35 95 55 25 85 45 65
Life Technologies FIX & PERM / Dako IntraStain / BD IntraSure

For more information go to www.beckmancoulter.com
PerFix-nc typically does not affect staining patterns or numbers.

Examples of surface and intracellular staining:

- Representative staining of whole blood samples with PerFix-nc.
- All Beckman Coulter fluorochromes are compatible with PerFix-nc.

Examples of challenging intracellular staining:

- For all conjugates, there are no significant differences between the two procedures.
- All Beckman Coulter fluorochromes are compatible with PerFix-nc.