BD™ Stabilizing Fixative

**REAGENT PROVIDED**

BD™ stabilizing fixative* is intended for preserving immunofluorescence staining of human peripheral blood cells prior to flow cytometric analysis.

When using a lyse/wash (LW) staining procedure, resuspend the washed cells in BD stabilizing fixative rather than phosphate-buffered saline (PBS) containing formaldehyde.

BD stabilizing fixative, 3X concentrate, is provided as 90 mL of a proprietary buffered solution containing 3% paraformaldehyde. This quantity is sufficient for 500 tests when used in BD Biosciences LW procedures.

**DILUTION INSTRUCTIONS**

Dilute the 3X concentrate 1:3 with room temperature (20°–25°C) deionized (DI) water. The prepared solution is stable for 1 month when stored in a polystyrene container at room temperature.

**WARNING** Do not store 1X BD stabilizing fixative in high-density polyethylene bottles because performance can be affected.

**HANDLING AND STORAGE**

BD stabilizing fixative (3X) is stable for the period shown on the bottle label when stored as directed.

Do not use this reagent if discoloration occurs or a precipitate forms.

**WARNING** Store 3X BD stabilizing fixative in BD FACS™ Lyse/Wash Assistant (LWA) tanks for no more than 5 months. BD has not validated storage for longer than 5 months. Although LWA tanks are high-density polyethylene, BD has shown that BD stabilizing fixative can be stored for up to 5 months if the tanks are pre-washed with DI water.

Do not store samples stained with AmCyan-conjugated antibodies in BD stabilizing fixative. Exposure of AmCyan conjugates to BD stabilizing fixative can cause an increased spillover into the FITC channel. Samples stained with both Cy™7 tandem conjugates and AmCyan conjugates need to be stored in PBS.

**WARNING**

All biological specimens and materials coming in contact with them are considered biohazards. Handle as if capable of transmitting infection\(^1,2\) and dispose of with proper

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\* BD stabilizing fixative is appropriate for use with reagents such as PE-Cy7– or APC-Cy7–conjugated antibodies. It should be used as the final resuspension buffer in lyse/wash (LW) procedures.

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For Laboratory Use.
precautions in accordance with federal, state, and local regulations. Never pipette by mouth. Wear suitable protective clothing, eyewear, and gloves.

Reagent contains 2.81% formaldehyde, CAS number 50-00-0, and 4.01% disodium tetraborate decahydrate, CAS number 1303-96-4.

**Danger**

- H341 Suspected of causing genetic defects.
- H360 May damage fertility or the unborn child.

- H317 May cause an allergic skin reaction.

Wear protective gloves / eye protection. Wear protective clothing. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. IF exposed or concerned: Get medical advice/attention. IF skin irritation or rash occurs: Get medical advice/ attention. Dispose of contents/container in accordance with local/regional/national/international regulations.

**WARRANTY**

Unless otherwise indicated in any applicable BD general conditions of sale for non-US customers, the following warranty applies to the purchase of these products.

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**REFERENCES**


**PATENTS AND TRADEMARKS**

APC-Cy7: US Patent 5,714,386

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