

TransFix[®]

Preserves Cells and Cellular Antigens for up to 14 Days prior to Analysis by Flow Cytometry

Blood samples require analysing within 24-48 hours of venepuncture as the immunophenotypic profile is detrimentally affected by natural cellular degradation. Samples treated with TransFix[®] are preserved for up to 14 days, rendering them suitable for flow cytometry.

Why use TransFix[®]

- Extend the window for sample analysis
- Preserve sample integrity during shipment between sites
- Likely to reduce false negative results
- Permits sample batching
- Enable repeat testing without requiring patient recall

Applications

TransFix[®] has been used to stabilize:

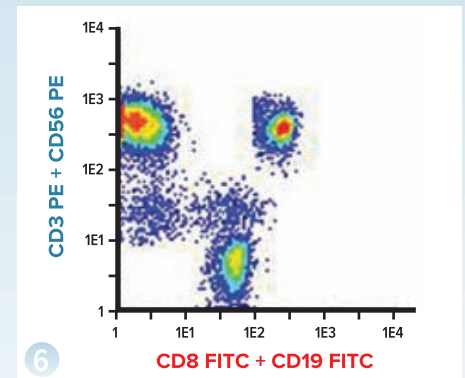
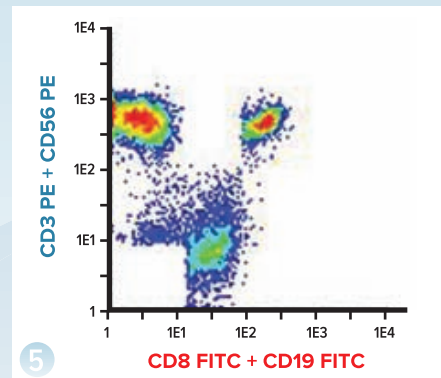
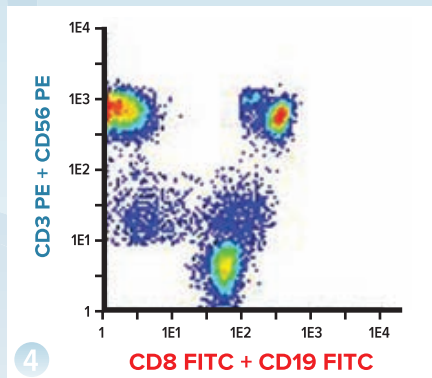
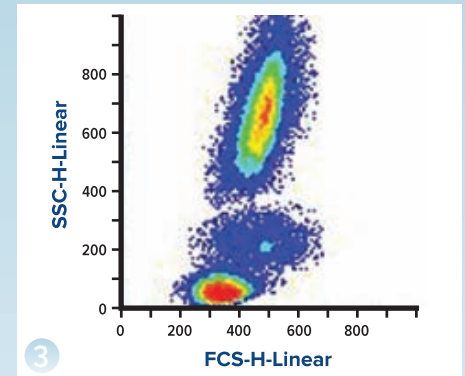
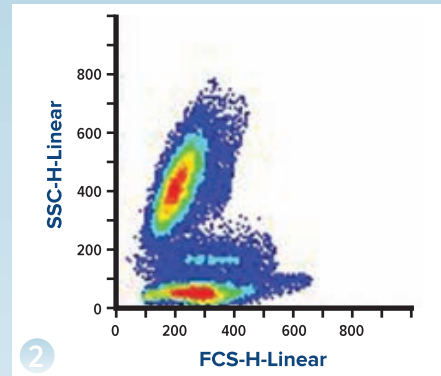
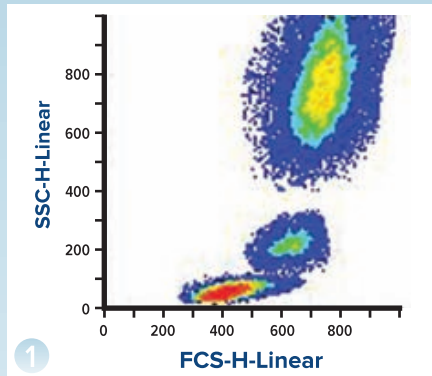
- Human Whole Blood (up to 14 days)
- Cerebrospinal Fluid (up to 72 hours)
- and other specimen types

The active components of TransFix stabilize blood leukocytes and leukocytic antigens for up to 14 days at 2-8°C. Samples treated with TransFix also allow shipment without cold chain transportation for up to 4 days at ambient temperature.

Fresh Blood: Day 0

Aged blood : 11 days

TransFix® Stabilized Blood: Day 11



Diagrams 1 & 4 are flow cytometry density dot plots that demonstrate the leukocytic profile in a fresh sample of human whole blood (analyzed on day of collection). Granulocyte, monocyte and lymphocyte populations are all distinct (1), as are T cells, NK cells and B cells (4).

Diagrams 2 & 5 demonstrate the leukocytic profile in the same sample of human whole blood after 11 days of storage. Leukocyte subsets, particularly monocytes are less distinct (2), B cells and NK cells cannot be easily identified (5).

Diagrams 3 & 6 show the leukocytic profile in the same sample of human whole blood after treatment with TransFix® and storage for 11 days. All leukocyte subsets, including monocytes, B cells and NK cells can be clearly identified.

For further information and sales:



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TransFix® products available

Code	Description
TF-B1-1	1ml TransFix®
TF-B1-10	10x 1ml TransFix®
TF-B1-50	50x 1ml TransFix®
TF-B20-1	20ml TransFix®
TF-1-2	TransFix® Sample Storage Tubes (2 x 1.2ml tubes)
TF-1-10	TransFix® Sample Storage Tubes (10 x 1.2ml tubes)
TF-1-25	TransFix® Sample Storage Tubes (25 x 1.2ml tubes)
TF-1-50	TransFix® Sample Storage Tubes (50 x 1.2ml tubes)
TF-5-2	TransFix® Sample Storage Tubes (2 x 5ml tubes)
TF-5-10	TransFix® Sample Storage Tubes (10 x 5ml tubes)
TF-5-25	TransFix® Sample Storage Tubes (25 x 5ml tubes)
TF-5-50	TransFix® Sample Storage Tubes (50 x 5ml tubes)

Suitable for low cell concentrations