TransFix® is a patented stabilisation solution that prevents cellular degradation in human and animal blood for analytical testing purposes.

TransFix Sample Storage Tubes are a low cost alternative to direct draw TransFix/EDTA Vacuum Blood Collection Tubes for preserving, storing and transporting blood samples.

Transfix® Benefits

Blood samples require analysing within 24-48 hours of venepuncture as the immunophenotypic profile is detrimentally affected by natural degradation.

The active components of TransFix stabilise leukocytes and leukocytic antigens for 10 days at sample storage temperatures of between 2°C and 25°C (1) and for 4 days at temperatures between 25°C and 37°C (2). This allows:

- More time in which to conduct testing – greater flexibility in the laboratory.
- Time for samples to be transported to/from remote sites.
- Reduction in the requirements of repeat sampling.
- The ability to batch samples for testing.

Transfix Sample Storage Tube Details

- Easy to use, just add blood and mix by inversion.
- TransFix Sample Storage Tubes are 1.8ml capacity, screw cap tubes, prefilled with 0.2ml of TransFix.
- Suitable for the addition of 1ml of anti-coagulated whole blood.
- Tubes are available in packs of 10, 25 and 50.

Applications

Human and animal blood samples treated with TransFix are suitable for flow cytometric testing, immune monitoring and immunohaematology screening purposes. Please visit www.cytomark.co.uk for full details.
Diagrams A) and B) are flow cytometry density dot plots that demonstrate the normal leukocytic immunophenotype in a fresh sample of human whole blood. Granulocyte, monocyte and lymphocyte populations are all distinct (A) as are T Cells, NK Cells and B Cells (B). Diagrams C) and D) demonstrate the leukocytic immunophenotype in the same sample of human whole blood after 11 days of storage. Leukocyte subsets, particularly monocytes are less distinct (C) and B Cells and NK Cells cannot be easily identified (D). Diagrams E) and F) demonstrate the leukocytic immunophenotype 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 (E & F).

**Product Information**

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TransFix can also be supplied in 1ml and 20ml aliquots, or in prefilled Transfix/EDTA Vacuum Blood Collection Tubes. Please contact office@caltagmedsystems.co.uk for details.

Sample sizes are available for evaluation.

**References**


A wide range of additional references are available from the Cytomark website.