Whole Blood Stabilisation – CE/IVD

Subsets of leukocytes are distinguished on the basis of their light scatter profile and cell surface antigens by flow cytometry. Quantitative changes in these subsets enable differential diagnosis and monitoring of haematological malignancies (e.g. leukaemias) and immunophenotyping of lymphoid malignancies. Without stabilisation, flow cytometric analysis of blood samples must be performed within 20-40 minutes of sample collection. Aged blood samples exhibit indistinguishable cell subsets and inaccurate absolute cell counts, which can lead to erroneous clinical results.

Stabilise whole blood with TransFix/EDTA Vacuum Blood Collection Tubes.

Clinical Diagnosis and Monitoring

Advantages for immunophenotyping and immunoassays for monitoring:

- CE marked for IVD use in Europe.
- Further tests can be performed on the same sample.
- No patient recall.
- Ship samples to centralised reference laboratories without requiring cold chain transportation.
- Batch samples for high throughput analysis.
- Ensures sample integrity during transport.

Advantages of stabilising blood for immunophenotyping in clinical trials:

- Ensures sample integrity during transportation between clinical sites.
- Reduction in costs by removing the requirement for cold chain transport.
- Batched samples for high-throughput analysis, reduced variability, and cost saving.
- Reductions in costs by removing the requirement for cold chain transport.
- Single tube pack sizes and phlebotomy packs available.

Circulating Tumour Cell Stabilisation – RUO

The number of new circulating tumour cell populations present in patient blood is very low, therefore the usefulness of Circulating Tumour Cell (CTC) assessments depends upon accurate cell counts and the corresponding analysis of molecular targets. The addition of TransFix to blood samples at the time of collection has been shown to significantly extend the integrity of CTCs within the samples. This has facilitated the use of novel isolation and detection systems to analyse CTCs in a very low number of cells.

Stabilise CTCs with TransFix/EDTA Vacuum Blood Collection Tubes.

Other Applications – RUO

Bovine Mammary Stabilisation - TransFix has been shown to stabilise bovine sample types for enumeration of mast cells and immunofluorescence in BMCL m smears. This is particularly useful in a variety of species, in early stages of analysis and in species that are prone to flow cytometric analysis, and allows researchers to complete time sensitive aspects of studies.

Lympnoid Node Stabilisation - TransFix has been used to stabilise cellular antigens and increase cell yields within fine needle aspirations and other lymph node biopsies. This allows immunophenotyping by flow cytometry to be conducted at a time that is more convenient to the operator.

Animal Blood Stabilisation - The addition of TransFix to animal blood samples at the time of collection has significantly extended the integrity of the samples in indicator species, particularly useful in immunomonitoring of farming stock such as poultry.

Stabilise these sample types with TransFix Sample Storage Tubes or TransFix®.
TransFix is a division of Caltag Medsystems Ltd.

**Contact Details**

For questions and technical support, call +44 (0) 1290 927460
Or email cytomark@caltagmedsystems.co.uk

Further information, protocols, certificates of analysis, and our bibliography can be found at: www.cytomark.co.uk

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We have a network of distributors. Please visit: http://www.cytomark.co.uk/distributors.php

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Contact details can be found at: http://www.cytomark.co.uk/distributors.php

For questions and technical support, call: +44 (0) 1290 927460
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**TransFix Sample Storage Tubes – CE/IVD**

5ml screw cap tubes containing 0.2ml of TransFix/EDTA, optimised to stabilise blood collected from patients with anticoagulant other than EDTA.

**TransFix/EDTA Vacuum Blood Collection Tubes – CE/IVD**

Blood collection tubes prefilled with sufficient TransFix for the collection and stabilisation of circulating tumour cells in 9ml of blood.

**CTC-TVT -09-xxxxx-PP**

9ml TransFix Phlebotomy Packs (Avail. choice of 6 sizes of needle)

**CTC-TVT -09-50**

Circulating Tumour Cell TransFix/EDTA Vacuum Blood Collection Tubes (50 x 9ml tubes)

**CTC-TVT -09-2**

Circulating Tumour Cell TransFix/EDTA Vacuum Blood Collection Tubes (2 x 9ml tubes)

**CTC-TVT -09-1**

Circulating Tumour Cell TransFix/EDTA Vacuum Blood Collection Tubes (1 x 9ml tube)

**TransFix/EDTA Vacuum Blood Collection Tubes – RUO**

5ml screw cap tubes containing 0.2ml of TransFix/EDTA, optimised to stabilise whole blood specimens and circulating tumour cells in 9ml of blood.

**CTF-01-50**

TransFix Sample Storage Tubes (50 x 1.2ml tubes)

**CTF-01-10**

TransFix Sample Storage Tubes (10 x 1.2ml tubes)

**CTF-01-2**

TransFix Sample Storage Tubes (2 x 1.2ml tubes)

**TransFix/EDTA CSF Sample Storage Tubes – CE/IVD**

5ml screw cap tubes containing 0.2ml of TransFix/EDTA, optimised to stabilise cerebrospinal fluid (CSF).

**CTF-CSF-5-50**

TransFix/EDTA CSF Sample Storage Tubes (50 x 5ml tubes)

**CTF-CSF-5-25**

TransFix/EDTA CSF Sample Storage Tubes (25 x 5ml tubes)

**CTF-CSF-5-10**

TransFix/EDTA CSF Sample Storage Tubes (10 x 5ml tubes)

**CTF-CSF-5-2**

TransFix/EDTA CSF Sample Storage Tubes (2 x 5ml tubes)

**TransFix Phlebotomy Packs**

9ml TransFix Phlebotomy Packs (Avail. choice of 6 sizes of needle)

**TVT -03-50**

TransFix/EDTA Vacuum Blood Collection Tubes (50 x 3ml tubes)

**TVT -03-2**

TransFix/EDTA Vacuum Blood Collection Tubes (2 x 3ml tubes)

**TVT -03-1**

TransFix/EDTA Vacuum Blood Collection Tubes (1 x 3ml tube)

**TVT -09-50**

TransFix/EDTA Vacuum Blood Collection Tubes (50 x 9ml tubes)

**TVT -09-2**

TransFix/EDTA Vacuum Blood Collection Tubes (2 x 9ml tubes)

**TVT -09-1**

TransFix/EDTA Vacuum Blood Collection Tubes (1 x 9ml tube)

**References**


