Blood samples require analysing within 24–48 hours of venepuncture as the immunophenotypic profile is detrimentally affected by natural degradation. Blood samples treated with **TransFix** are preserved for 10 days. **TransFix**/EDTA Vacuum Blood Collection Tubes are direct draw collection tubes used to stabilise venous blood at the point of collection and preserve whole blood specimens for immunophenotyping by flow cytometry.

**TransFix**® is a patented stabilisation solution that prevents cellular degradation in whole blood for analytical testing purposes.

Blood samples require analysing within 24–48 hours of venepuncture as the immunophenotypic profile is detrimentally affected by natural degradation. Blood samples treated with **TransFix** are preserved for 10 days. **TransFix**/EDTA Vacuum Blood Collection Tubes are direct draw collection tubes used to stabilise venous blood at the point of collection and preserve whole blood specimens for immunophenotyping by flow cytometry.

**TransFix® Benefits**

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®/EDTA Vacuum Blood Collection Tube Benefits**

1. Ease of application, **TransFix**/EDTA Vacuum Blood Collection Tubes fit docking sheaths from most manufacturers.
2. **TransFix**/EDTA Vacuum Blood Collection Tubes are packed in sealed foil pouches with a closed pouch stability of 18 months.
3. **TransFix**/EDTA Vacuum Blood Collection Tubes have an open pouch stability of 6 months.

The tubes are prefilled with sufficient **TransFix** containing K3EDTA for the stabilisation of 3ml and 9ml of blood.
Diagrams A) and B) are flow cytometry analysis dot plots that demonstrate the normal CD4+ T cell (orange) and CD8+ T cell (green) expression observed in a fresh human blood sample. Diagrams C) and D) demonstrate the reduced CD4+ T cell (orange) and CD8+ T cell (green) expression observed in a human blood sample after storage with no TransFix for 10 days. Diagrams E) and F) demonstrate the CD4+ T cell (orange) and CD8+ T cell (green) expression observed in a TransFix treated human blood sample after it was stored for 10 days.

Product Information

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVT-03-2</td>
<td>Transfix/EDTA Vacuum Blood Collection Tubes (2 x 3ml tubes)</td>
<td>2 tubes</td>
</tr>
<tr>
<td>TVT-03-50</td>
<td>Transfix/EDTA Vacuum Blood Collection Tubes (50 x 3ml tubes)</td>
<td>50 tubes</td>
</tr>
<tr>
<td>TVT-09-2</td>
<td>Transfix/EDTA Vacuum Blood Collection Tubes (2 x 9ml tubes)</td>
<td>2 tubes</td>
</tr>
<tr>
<td>TVT-09-50</td>
<td>Transfix/EDTA Vacuum Blood Collection Tubes (50 x 9ml tubes)</td>
<td>50 tubes</td>
</tr>
</tbody>
</table>

Sample sizes are available for evaluation.

Specifications

1. TransFix/EDTA Vacuum Blood Collection Tubes consist of purple capped tubes containing a solution of TransFix and K3EDTA at the correct volume to simultaneously stabilise and anti-coagulate whole blood at the time of collection.

2. TransFix/EDTA Vacuum Blood Collection Tubes are available in two sizes: 3ml and 9ml final draw volumes.

3. TransFix/EDTA Vacuum Blood Collection Tubes are sterilised by gamma radiation.

4. TransFix/EDTA Vacuum Blood Collection Tubes are CE marked and manufactured under license by Vacutest KIMA s.r.l, 35020 Arzergrande (PD) Italy.

References


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