

# TransFix® Stabilisation of Circulating Tumour Cells

Caltag have developed a specific TransFix® Vacuum Blood Collection Tube for Stabilising Circulating Tumour Cells (CTCs) in blood samples.

The number of CTC populations present in patient blood is very low, therefore the usefulness of CTC assessments depends upon accurate cell counts and the corresponding analysis of molecular targets. The natural degradation of blood samples can mean these rare populations are lost. TransFix® stabilises blood samples at the time of collection and has been shown to significantly extend the integrity of cells within the samples allowing for downstream enrichment and enumeration of CTCs.

## Product Formats

Product Code	Description
CTC-TVT-09-1	Circulating Tumour Cell TransFix®/EDTA Vacuum Blood Collection Tubes (1 tube)
CTC-TVT-09-2	Circulating Tumour Cell TransFix®/EDTA Vacuum Blood Collection Tubes (2 x 9 mL tubes)
CTC-TVT-09-50	Circulating Tumour Cell TransFix®/EDTA Vacuum Blood Collection Tubes (50 x 9 mL tubes)

Research Use Only

## Case Studies

### 1:

Assessment of circulating tumor cells with a novel, filtration-based method, in a phase IIIb multicenter study for postmenopausal, HER2-negative, estrogen receptor-positive, advanced breast cancer patients.

Fasching et al., ASCO Meeting Abstracts Jun 17, 2023:591

### 2:

A Novel Strategy for Detection and Enumeration of Circulating Rare Cell Populations in Metastatic Cancer Patients Using Automated Microfluidic Filtration and Multiplex Immunoassay.

Magbanua, et al. PloS ONE 10(10): e0141166

Read online at: [www.caltag.co.uk/sample-stabilisation/circulating-tumour-cells/](http://www.caltag.co.uk/sample-stabilisation/circulating-tumour-cells/)

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