

# PAXgene® Blood ccfDNA Tube CE – IVD

For stabilization of ccfDNA from whole blood

## PAXgene Blood ccfDNA Tube CE – IVD

The PAXgene Blood ccfDNA Tube is a plastic, evacuated tube intended for collection, storage, and transport of human blood and stabilization of DNA in a closed tube for preparation of circulating, cell-free DNA (ccfDNA) from plasma and genomic DNA (gDNA) from nucleated cellular fraction, for use with molecular test methods that require ccfDNA or gDNA.

Performance characteristics established with 18S ribosomal and DYS14 Y-chromosomal ccfDNA fragments in plasma.

Users must validate use of product for their specific molecular diagnostic assay.

**Technical expertise available to support.**

### Enables easier workflow, more compatible with real-world

requirements when conducting ccfDNA testing:

- Extends window for plasma separation from hours to days by stabilizing ccfDNA profiles for 7 days at 2–30°C or up to 1 day at 37°C
- Minimizes gDNA release
- Minimizes hemolysis

### Compatible with a variety of downstream test methods

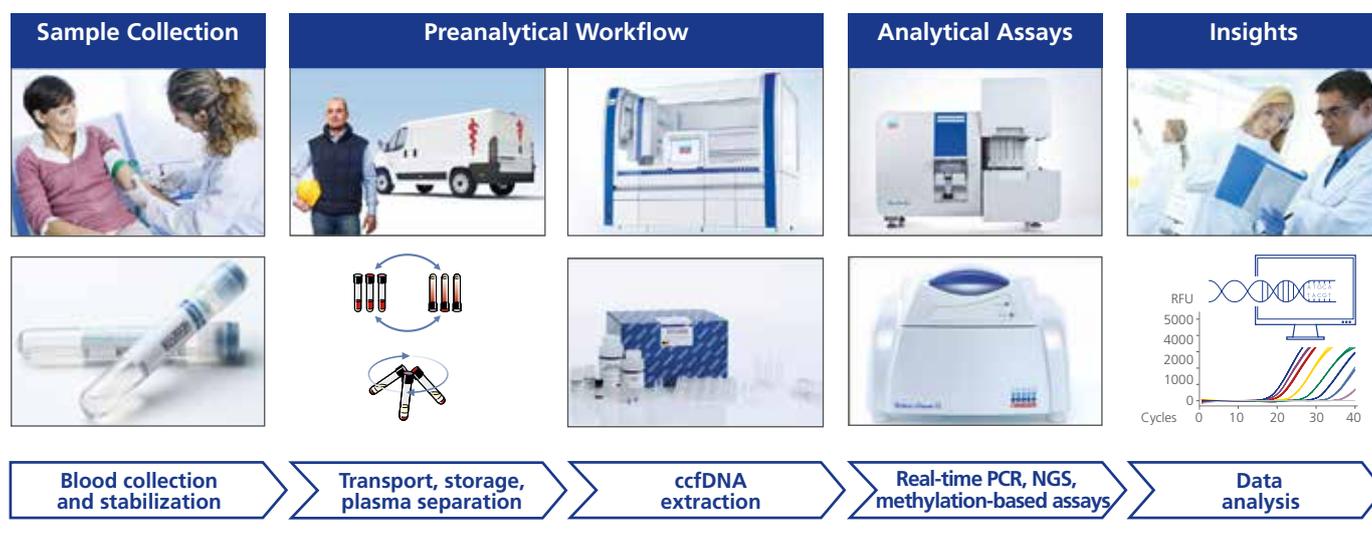
including qPCR, NGS and methylation-based assays

- Unique, non-crosslinking stabilization chemistry

### BD Vacutainer® plastic tube with BD Hemogard™ safety closure

- Plastic tube minimizes risk of tube breakage
- Enhanced healthcare and lab personnel safety

### PAXgene Blood ccfDNA Tube Workflow



Explore more at [www.preanalytix.com](http://www.preanalytix.com)

 PreAnalytiX

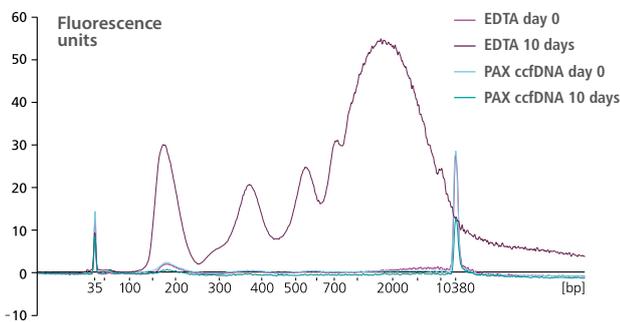
A QIAGEN / BD Company

# PAXgene® Blood ccfDNA Tube CE – IVD

## For the stabilization of blood cells to enable reliable and reproducible analysis of circulating cell-free DNA (ccfDNA) from human whole blood

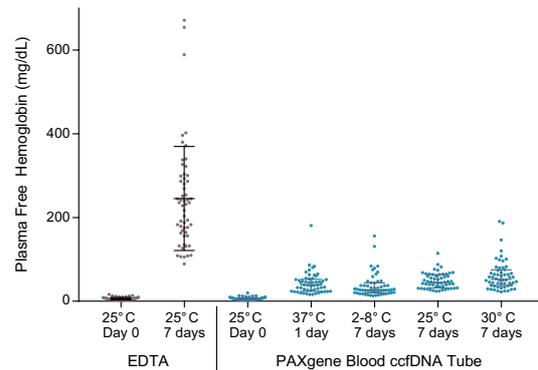
### Minimized Blood Cell Lysis and Release of Genomic DNA

DNA profile of blood after extended storage in a PAXgene Blood ccfDNA Tube is similar to blood collected in an EDTA Tube processed immediately.



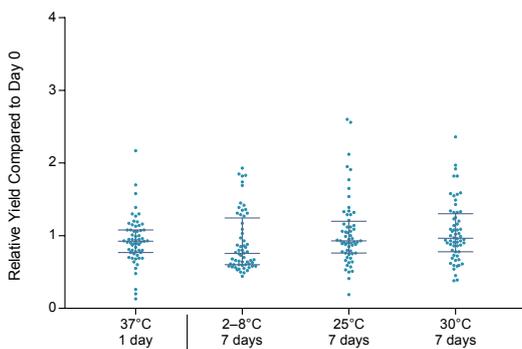
### Minimized Hemolysis

PAXgene Blood ccfDNA Tubes minimize changes in plasma free hemoglobin after extended storage.



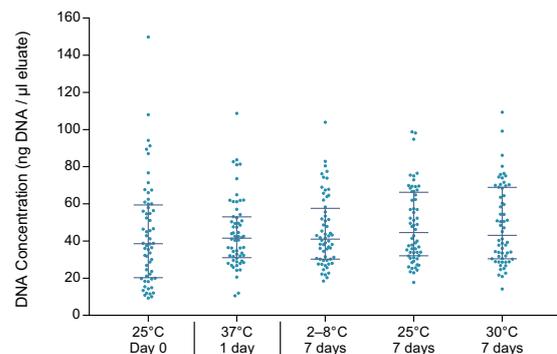
### Stabilization of ccfDNA Profile in Whole Blood for 7 Days at 2–30°C or 1 Day at 37°C

Minimal change in ccfDNA levels relative to time 0, after storage at various times and temperatures.



### Stabilization of gDNA in Whole Blood for 7 Days at 2–30°C or 1 Day at 37°C

PAXgene Blood ccfDNA Tubes stabilize genomic DNA in the buffy coat or nucleated cellular fraction.



## Ordering Information

Reference	Product	Description
768165	PAXgene Blood ccfDNA Tube	100 Tubes: 16 x 100 mm, 1.5 ml Additive, 10 ml Blood Draw Volume

The PAXgene Blood ccfDNA Tube is For In Vitro Diagnostic Use.

**PAXgene Blood ccfDNA Tubes are distributed by BD and its distributors.**

Visit [www.preanalytix.com](http://www.preanalytix.com) and [www.bdbiosciences.com/eu/cbp](http://www.bdbiosciences.com/eu/cbp)

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