



## BLOOD COLLECTION TUBES

# CELL-FREE DNA BCT®

Cell-Free DNA BCT® is a direct draw blood collection tube which stabilises nucleated blood cells. The unique preservative limits the release of genomic DNA (gDNA), allowing isolation of high-quality cell-free DNA (cfDNA). Cell-Free DNA BCT® has also been demonstrated to minimise the degradation of circulating tumour cells (CTCs). By limiting cell lysis, the specialised chemistry provides sample integrity during storage, shipping and handling of blood samples.

### MAINTAIN STABILITY

- α Sample stability: cfDNA and gDNA are stable for up to 14 days at 6°C to 37°C
- α Sample stability: CTCs are stable for up to 7 days at 15°C to 30°C
- α Blood Draw Volume: 10ml
- α Certified as fully 95kPa IATA & ADR compliant, as per UN3373 regulations
- Eliminates the need for immediate plasma preparation and CTC processing
- Maintains sample integrity allowing convenient storage, shipping, and handling of blood samples
- Allows for room temperature storage and shipping of critical samples, reducing the costs and complications associated with cold chain shipping
- High-quality cfDNA can be used for a wide range of downstream applications

## Blood Transport Regulations

Blood samples often need to be transported between clinic and laboratory, but as they are potentially pathogenic, are subject to the Dangerous Goods Regulations (DGR).

Provided they are not expected to carry any Category A pathogens, they are classified within the DGR as Biological Substances, Category B and assigned the shipping number UN3373. For transportation, they must be packaged according to the IATA (air transport) or ADR (transport by road) Packing Instructions 650.

## IATA Compliance for BCT Tubes

Following pressure differential testing performed per IATA UN3373 standards, Cell-Free DNA Blood Collection Tubes® have been certified fully 95kPa IATA compliant.

For more information and support on complaint sample packaging to meet transport regulations please visit:  
[www.UN3373.co.uk](http://www.UN3373.co.uk)

## Ordering Information Cell-Free DNA BCT® Tubes

Cat. No.	Description	Pack Size
218996	Cell-Free DNA BCT®	6 x 10ml
218997	Cell-Free DNA BCT®	100 x 10ml
230244	Cell-Free DNA BCT®	1000 x 10ml

Find out more at [www.alphalabs.co.uk/bct](http://www.alphalabs.co.uk/bct)

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