

Cell and biomarker preservation

PAXgene® Blood RNA System

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The PAXgene® Blood RNA Tube (IVD) is a development of PreAnalytiX, the joint venture between QIAGEN and BD. The PAXgene® Blood RNA System consists of the PAXgene® Blood RNA Tube and the PAXgene® Blood RNA Isolation Kit available from QIAGEN.

The PAXgene® Blood RNA Tube contains a proprietary reagent that immediately stabilises cellular RNA. The PAXgene® Blood RNA tube ensures:

- Immediate stabilisation of cellular RNA in whole blood
The cellular RNA will be stable in the PAXgene® tube for:
3 days – whole blood at room temperature (18-25°C)
5 days – whole blood refrigerated (2-8°C)
8 years – whole blood frozen (-20 and -70°C)
- RNA yield
The yield, dependent upon the sample and the RNA isolation kit, is $\geq 3 \mu\text{g}$ for $> 95\%$ of the samples (healthy subjects with a leukocyte count of $4.8 - 11 \times 10^6/\text{mL}$)
- RNA quality
The A_{260}/A_{280} ratio is 1.8-2.2 for 95% of all samples. Genomic DNA contamination is $\leq 1\%$ in $\geq 95\%$ of all samples
- Stabilisation of miRNA
The PAXgene® Blood miRNA Kit*, for manual or automatic purification of miRNA after blood collection with a PAXgene® Blood RNA Tube, is available from QIAGEN



- Increased traceability
The PAXgene® Blood RNA Tube has a human readable and 2D barcode label. Each tube has a unique identification code that can be associated to the patient blood specimen


For more information please visit www.PreAnalytiX.com.

The PAXgene™ Blood RNA System is CE marked and FDA 510(k) cleared for *in vitro* diagnostic use.

Further information

Clinical and technical information is available on request.

PAXgene® Blood RNA tubes

Cat. no.	Draw volume (mL)	Size (mm)	Additive	Separator	Material	Label	Cap closure	Cap colour
762165	2.5	16 x 100	Proprietary	None	PET	Paper with 2D barcode	BD Hemogard™	

All tubes are supplied in cases of 100

Available to buy online at www.bdbiosciences.com - search PAXgene RNA

* The PAXgene® Blood miRNA Kit is for research use only (RUO)