Ruhvenile® Biomedical
Product datasheet

BloodGnom™

Blood Collection Tubes for cfDNA, cfRNA and Whole-Blood Nucleic Acids

Pre-filled stabiliser tubes for blood and plasma, so genetic material can travel from remote or field sites without cold chain logistics.

Indigenous patented technology | Discovered and developed in India | DSIR recognised | ISO 9001:2015 certified | CE (IVD) compliant



15 days
whole-blood DNA & RNA at 2–25°C

15–30 days
cfDNA at 2–25°C

7–15 days
cfRNA at 2–25°C

3.75 / 6.75 mL
blood draw volumes

Key features

- Immediate stabilisation of nucleic acids with no degradation.
- Validated for qPCR, RT-PCR, NGS and proteomics.
- Optimised for liquid biopsy, cancer, prenatal and minimal residual disease assays (cfDNA tube).
- For transcriptomic, exosome and biomarker research and miRNA analysis (cfRNA tube).
- Add blood, invert to mix, label and store.

Specifications

Parameter	Value
BloodGnom™ DNA & RNA	6.0 mL tube, 1.25 mL stabiliser, 3.75 mL blood; up to 15 days
BloodGnom™ cfDNA	10.0 mL tube, 2.25 mL stabiliser, 6.75 mL blood; 15–30 days
BloodGnom™ cfRNA	10.0 mL tube, 2.25 mL stabiliser, 6.75 mL blood; 7–15 days
Storage range	2–25°C
Applications	Clinical molecular diagnostics, AMR surveillance, sepsis, population genomics, genetic banking, multicentre field trials

Catalogue codes and pack sizes

Code	Pack
RVN-BG-6.0-00	6 mL tube, DNA & RNA
RVN-BG-10.0-cfDNA	10 mL tube, cfDNA
RVN-BG-10.0-cfRNA	10 mL tube, cfRNA

Best for

- Liquid biopsy and minimal residual disease studies
- Prenatal and cancer cfDNA programmes with remote collection sites

- Population genomics and multicentre field trials

Frequently asked questions

Is BloodGnom™ only for blood?

Yes. It is made for whole blood and plasma. For other sample types use truGnom® or BiomLife®.

How long does blood stay stable in BloodGnom™?

Up to 15 days (DNA & RNA tube), 15–30 days (cfDNA) or 7–15 days (cfRNA) at 2–25°C.

Which BloodGnom™ tube should I use for cfDNA or cfRNA?

Use the 10 mL cfDNA tube for cell-free DNA and the 10 mL cfRNA tube for cell-free RNA.

Is BloodGnom™ suitable for NGS and qPCR?

Yes. It is validated for qPCR, RT-PCR, NGS and proteomics.

How much blood does each tube take?

3.75 mL for the 6 mL DNA & RNA tube, and 6.75 mL for the 10 mL cfDNA and cfRNA tubes.

Order or customise

Request a quote, a custom pack size or bulk quantities. Dispatch within 3–5 working days.

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Specifications come from Ruhvenile® product information and may be updated. Confirm current specifications and regulatory status with Ruhvenile® before ordering.