Ruhvenile® Biomedical
Product datasheet

truGnom®

Genetic Material Preservation Medium for Molecular Workflows

A formalin- and alcohol-free medium for collecting, transporting and preserving genetic material for PCR, RT-PCR, NGS, WGS and omics. Approved by a WHO reference lab.

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



3+ years
DNA/RNA at 15–25°C

2.5–3X
more DNA/mRNA than media on the market

15 days
mRNA at room temperature

2 years
shelf life of unused medium

Key features

- Supports the One Health programme: stabilises DNA and mRNA from human, animal, agri and environmental samples.
- DNA/RNA stable for 3+ years at 15–25°C; mRNA 15 days at room temperature and 3 months at -80°C.
- Instant lysis removes the extra lysis step, saving time and cost; use any reliable kit to isolate your product.
- Extracts 2.5–3X more DNA/mRNA than media available in the market.
- A colour indicator shifts from blue to green or yellow if the sample is compromised.
- Isolate fungal DNA without liquid nitrogen.
- Approved for MTB analysis by Gates Foundation, The Union and ICMR (Govt. of India).

Specifications

Parameter	Value
Shelf life (unused medium)	2 years at room temperature
DNA/RNA at 15–25°C	3+ years
mRNA	15 days at room temperature; 3–6 months at -80°C
Sample types	Swabs, sputum, liquid biopsy, stool, any tissue, environmental, agri and animal samples
Important	Lyses cells; does not revive microbes (use BiomLife® for revival)
Supply	Sterilised bottles; CE compliant

Catalogue codes and pack sizes

Code	Pack
RVN-TG-250-00	250 mL
RVN-TG-500-00	500 mL
RVN-TG-1000-00	1000 mL
RVN-TG-Bulk-00	Larger volume

Best for

- NGS, WGS and PCR labs that only need DNA and RNA preserved
- Hospitals and TB programmes sending sputum and swabs (approved for MTB analysis)
- Fungal DNA isolation without liquid nitrogen (with CTAB)

Frequently asked questions

Can truGnom® preserve both DNA and RNA?

Yes, it does.

Is truGnom® suitable for NGS and metagenomics?

Yes.

Does truGnom® require a separate lysis step?

No, but adding a lysis reagent increases the yield.

Can microbes be cultured after preservation in truGnom®?

No. There is no chance of recovering microbes after collection in truGnom®.

How should truGnom®-preserved samples be transported?

At room temperature. Best practice is to keep the sample at -20°C for 24 hours before sending it at room temperature.

Can truGnom® help isolate DNA from fungi without liquid nitrogen?

Yes. With CTAB it helps isolate fungal DNA without liquid nitrogen.

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.