Ruhvenile® Biomedical
Product datasheet

UroStabl™

Boric Acid and Formate Free Urine Preservation Medium for Culture and Molecular Analysis

The first urine container designed so one sample can go to both microbial culture and PCR or NGS, without refrigeration.

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



5–7 days
at 15–25°C, even at 70% humidity

Over 90%
pathogen recovery

1:50 to 1:60
UroStabl™-to-urine ratio

30 mL or 60 mL
tube formats

Key features

- Boric acid and formaldehyde free: non-toxic, non-inhibitory chemistry that does not kill sensitive microbes.
- Supports culture, PCR, RT-PCR and NGS from the same sample.
- Preserves urine for up to 5–7 days at room temperature; no cold chain.
- Over 90% pathogen recovery.
- Revives sensitive microbes including E. coli, Enterococcus, Klebsiella pneumoniae, Proteus mirabilis, Enterobacter cloacae, beta-haemolytic streptococci, Neisseria and Chlamydia.

Specifications

Parameter	Value
Mixing ratio	About 1:50 to 1:60 (0.5 mL per 30 mL urine; 1 mL per 60 mL)
Stability	5–7 days, even at 15–25°C and 70% humidity
Fill volume	0.5 mL in a 30 mL tube, or 1 mL in a 60 mL tube
Applications	UTI, STI and RTI diagnostics, AMR surveillance, sepsis and cancer biomarker studies, women's health, biobanking
Validation	Developed in DSIR-recognised, ISO 9001:2015 labs; clinically tested with Dr Lal PathLabs

Catalogue codes and pack sizes

Code	Pack
RVN-US-0.5-00	30 mL sterilised container

Best for

- UTI, STI and RTI diagnostic labs running culture and PCR from one sample
- AMR surveillance and epidemiological research
- Collection from rural and decentralised sites

Frequently asked questions

Can UroStabl™ preserve urine for both culture and PCR?

Yes, effectively. It is approved by large testing laboratories in India.

How long can urine samples be transported at room temperature in UroStabl™?

5–7 days, even at 15–25°C with 70% humidity.

Is UroStabl™ free from boric acid, formalin and sodium azide?

Yes. It is completely free from these toxic reagents.

Does UroStabl™ support microbial revival?

Yes, including sensitive microbes.

What tube formats are available for UroStabl™?

0.5 mL of UroStabl™ in a 30 mL tube, or 1 mL in a 60 mL tube, based on customer requirement.

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.