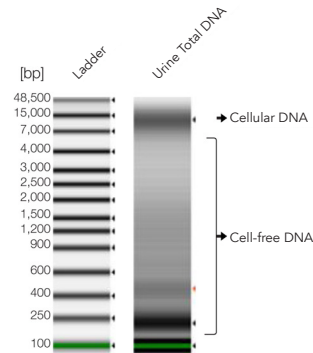
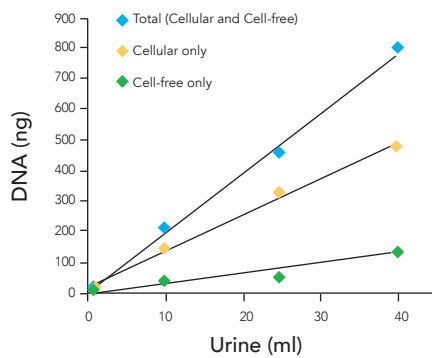


DNA Isolation from Urine

Quick-DNA™ Urine Kit

- **Total DNA Recovery:** Recover cellular and/or cell-free DNA easily from ≤ 40 ml of urine.
- **Simple Workflow:** Precipitate, digest, and purify DNA using a spin-column.
- **Ultra-Pure DNA:** Ready for qPCR, Next-Gen Sequencing, arrays, etc.

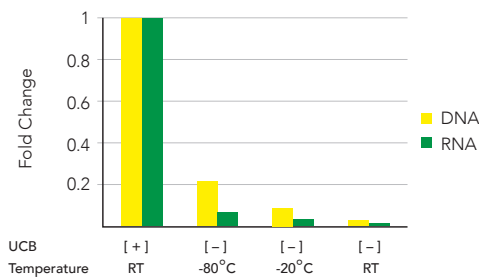
Cellular DNA. Cell-free DNA. Or both!



DNA yields increase linearly with increasing urine from healthy subjects extracted with the Quick-DNA™ Urine Kit. DNA was isolated from 1 ml, 10 ml, 25 ml, and 40 ml urine. DNA concentration was quantified by qPCR using the Femto™ Human DNA Quantification Kit (Zymo Research).

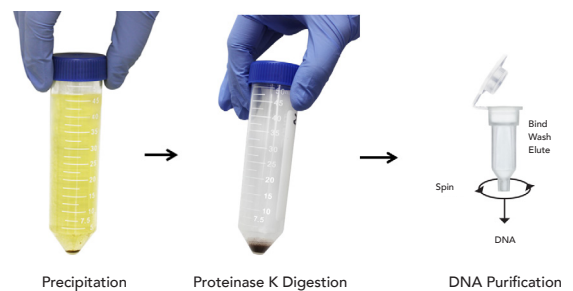
Both cellular and cell-free DNA was effectively purified from urine. 5 ml of urine from a healthy female donor was processed and DNA was eluted in 20 µl final volume. Purified DNA was analyzed using the Agilent 2200 TapeStation® system.

DNA/RNA Preservation Reagent Included



Urine Conditioning Buffer (UCB) provides more preservation compared to conventional methods. Urine (with or without UCB) was preserved using different storage conditions: Room temperature (RT), -20°C, and -80°C. After 2 weeks of storage, total DNA (yellow) and total RNA (green) were purified using the Quick-DNA™ Urine Kit or a custom RNA extraction protocol by Zymo Research, respectively. Corresponding fold change of preserved nucleic acids was obtained from qPCR analysis.

Streamlined Workflow



Product	Cat. No.	Size	Binding Capacity	Minimum Elution	Input
Quick-DNA™ Urine Kit	D3061	50 preps	5 µg	10 µl	≤ 40 ml