

Urine collection

Improve urine sample quality to support better Urinary Tract Infection (UTI) diagnostic outcomes

It's easy as Peezy® Midstream Urine Specimen Collection Device

Distributed by Thermo Fisher Scientific, the innovative Peezy Midstream Urine Specimen Collection Device is designed to automatically obtain a clean, midstream urine sample, which supports accurate urinalysis results.¹ It automatically collects a midstream urine sample from an uninterrupted urine flow through a clean and comfortable-to-use funnel – significantly improving patient usability.

A clean midstream urine sample is the gold standard² for urinary tract infection diagnostics. The Peezy Midstream device's improved collection method helps to reduce potential contaminants from a midstream urine sample to support the reduction of inaccurate or mixed culture results. Accurate diagnosis can facilitate appropriate treatment and may also support improved antibiotic stewardship efforts.

How does it work?

The Peezy Midstream device automatically captures a midstream sample by rejecting first void urine, capturing only the midstream, and when the container is full, rejecting the remainder of the urine stream. Minimal patient intervention and clinical explanation on how to provide a midstream sample are required.



Peezy Midstream, genital wipe, and 10 mL specimen tube

Issues with current collection methods:



Sample collection can be messy

Standard methods can be messy, soiling patient hands, the container and toilet environment.



Instructions may be challenging

Without thorough explanation and execution, it can be difficult for patients to provide a midstream sample that aligns with clinical guidelines.¹



Potential for contamination

Poorly captured samples can lead to increased reporting of mixed growth/contamination as high as 30%² as a result of first void urine spoiling the sample.

Key benefits:

- Ease of use**
 Automatic midstream urine collection from an uninterrupted flow. No difficult or messy 'start-stop-start' required.
- Improved collection helps improve sample quality**
 Supports the reduction of culture contaminants from traditional 'clean-catch' urine cup collection.¹
- Better sample could improve diagnostic workflow**
 Results show less retests may be required, which provides a better sample-to-answer workflow.³

Fewer steps may lower the risk of contamination

Traditional methods:



Urinate

Start to urinate, then stop.
Position the bottle, restart your urine stream and capture the midstream into the container.
Stop, remove container and finish urinating.

▲ CONTAMINATION RISK



Sample collected

Wet container handled to clinician to send to laboratory

▲ CONTAMINATION RISK



Decant

Sample decanted into lab-friendly container prior to analysis

▲ CONTAMINATION RISK



Analyze

Sample processed by lab



View results

Patient diagnosis. Risk of contamination, request further sample and repeat process

Peezy Midstream device:



Urinate

Urinate into Peezy device. Midstream sample is automatically collected, no interruption of flow until bladder is empty.



Sample collected

Sample collected directly into lab-friendly container ready for analysis.



Analyze

Sample processed by lab



View results

Patient diagnosis. High likelihood of right first-time diagnosis due to fewer steps and lower risk of contamination

Ordering information

Description	Quantity	Cat. No
Peezy Midstream (empty tube)	20/case	R649350
Peezy Midstream (Boric acid tube)	20/case	R649351

References:

- Southworth, Elizabeth; Hochstedler, Baylie; Price, Travis K.; Joyce, Cara; Wolfe, Alan J.; Mueller, Elizabeth R. A Cross-sectional Pilot Cohort Study Comparing Standard Urine Collection to the Peezy Midstream Device for Research Studies Involving Women. *Female Pelvic Medicine & Reconstructive Surgery* vol25 issue2 e28-e33
- Sathiananthamoorthy S, Malone-Lee J, Gill K, Tymon A, Nguyen TK, Gurung S, Collins L, Kupelian AS, Swamy S, Khasriya R, Spratt DA, Rohn JL. 2019. Reassessment of routine midstream culture in diagnosis of urinary tract infection. *J Clin Microbiol* 57:e01452-18.
- Stankovic, Ana K.; DiLauri, Elizabeth. Quality Improvements in the Preanalytical Phase: Focus on Urine Specimen Workflow. *Clinics in Laboratory Medicine* Pub Date:6/2008. Volume:Issue:Pages 282339-350

For more information on the Peezy Midstream device, visit thermofisher.com/peezy or contact your local Thermo Fisher Scientific Microbiology representative

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