

kurin[®]

Blood Culture Collection Sets

Reduce blood culture contamination with no change in clinical practice.*

Kurin Blood Culture Collection Sets are designed to reduce blood culture contamination rates when obtaining blood culture specimens via venipuncture or Peripheral IV (PIV) access.

Why use Kurin?

Approximately 1/3 of all positive blood cultures are false positive results due to blood culture contamination.

Roughly 20% of the microbes present in skin reside deep in the dermis.¹ With venipuncture, contaminants may be dislodged and drawn into blood culture samples leading to high rates of seemingly unavoidable false positives.

Hospitals spend \$4,000-\$10,000^{1,2,3,4} per false positive test that leads to unnecessary treatment of non-existent bloodstream infections. There are high costs for patients as well. This misdiagnosis leads to increased length of stay, increases the risk of hospital-acquired infections, adverse events, and mortality². Unnecessary antibiotics increase the risk of allergic reactions, drug interactions, and drug-resistant superbugs.

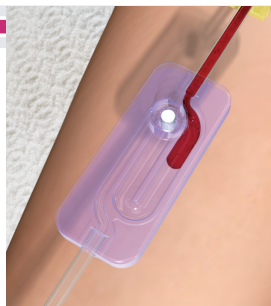
How does Kurin work?

Each Kurin blood culture collection set features a Kurin Lock[®], a small but powerful passive device that sidelines the initial flash of blood during routine blood culture collection.

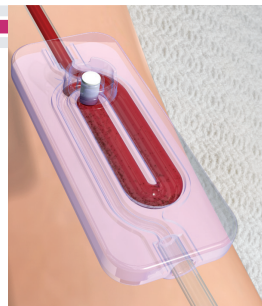
FDA 510(k) cleared

- Peer reviewed
- Passive technology supports clinician compliance
- Blood conserving
- For venipuncture, PIV, and syringe draws
- Low-waste packaging
- Supports antimicrobial stewardship

*The Kurin Blood Collection System is for use as a blood collection system and its Kurin Lock allows the specimen of blood from the patient to be sidelined prior to the collection of the test sample to reduce the frequency of blood culture contamination when contaminants are present in the initial blood sample compared to blood cultures drawn using standard practice without the Kurin Lock.



Serves as a flash chamber to provide visual confirmation of proper needle placement in the vein.



Contaminants residing in the initial ~0.15ml volume of blood are sidelined in the U-shaped side channel.



When the collection bottle is attached, blood flows from the vein into the culture bottle through the sampling channel.

¹ Garcia RA et al. Am J Infect Control. 2015 Nov 1; 43(11): 1222-37.

² Klucher JM et al. Infection Control & Hospital Epidemiology. 43: 291-297 (2022).

³ Rupp ME, Cavalieri RJ, Marolf C, Lyden E. Clin Infect Dis. 2017 Jul 15; 65(2):201-205.

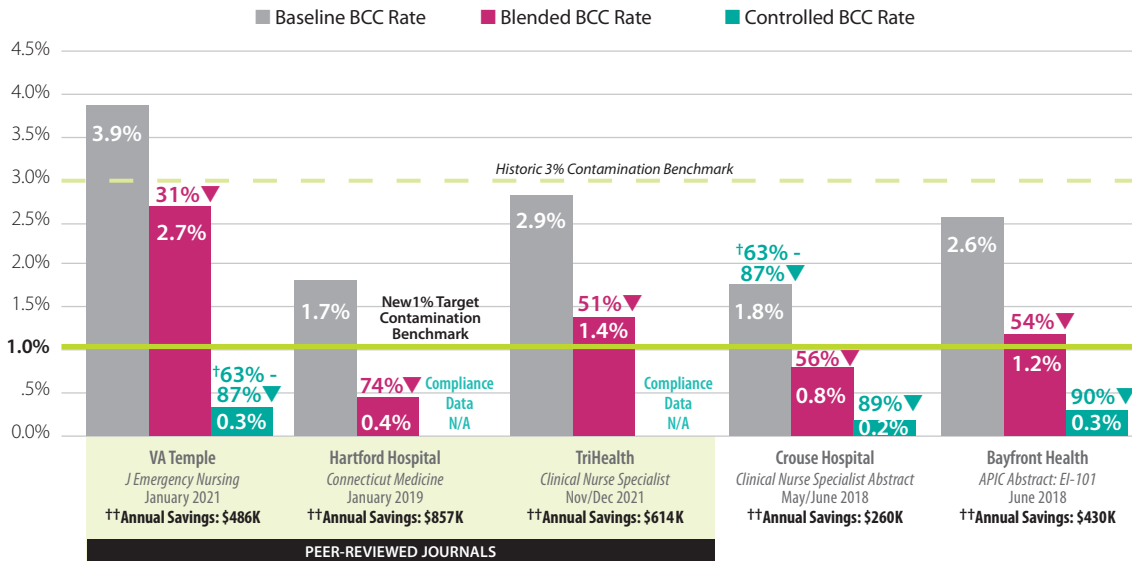
⁴ Skoglund E, Dempsey C, Chen H, and Garey KW. J. Clin. Microbiol. Online 24 October 2018.

Better specimens for better outcomes

Supporting Best Practices in Blood Culture Collection

Hospitals using Kurin can reduce blood culture contamination (BCC) rates below the new CDC and CLSI target of 1%.^{5,6}

Kurin Clinical Efficacy: Blended vs. Controlled Contamination Rate Reduction



Fluctuations in caregiver compliance are reflected in the blended rates, while Kurin rates reflect the efficacy of Kurin when it was used.
[†]Authors state that the mean rate of contamination with Kurin was 63% to 87% lower than that for the control; 1,312 samples were collected using Kurin, of which four (0.3%) were contaminated.
^{††}Annual savings are based on a cost of \$4500/BCC.
 Clinical results may vary according to hospital policy, caregiver compliance, and other facility-specific factors.

KURIN PRODUCT ORDERING: 200/cs

To place an order, email orders@kurin.com, or fax a purchase order to: 1-858-228-5160.

Kurin for Venipuncture						
	BD Bactec® and Thermo Fisher VersaTREK® REDOX™ EZ DRAW™		bioMérieux BacT/Alert®		Thermo Fisher VersaTREK™ REDOX™	
	21 Gauge	23 Gauge	21 Gauge	23 Gauge	21 Gauge	23 Gauge
Safety Slide Needles	D-11221	D-11223	M-11221	M-11223	T-11221	T-11223
Push Button Needles	D-21221	D-21223	M-21221	M-21223	T-21221	T-21223
Kurin for Peripheral IV Collection						
12-inch set	D-PIV12		M-PIV12		T-PIV12	
12-inch set + 6-inch extension	D-PIV18		M-PIV18		T-PIV18	
Kurin for Low-Volume Syringe Draws						
4-inch set	S-PIV4					
4-inch set + 6-inch extension	S-PIV10					

Need additional information? Call our customer service team at 1-888-963-9056 or email cs@kurin.com.

⁵Centers for Disease Control and Prevention, Blood Culture Contamination: An Overview for Infection Control and Antibiotic Stewardship Programs Working with the Clinical Laboratory (n.d.). Retrieved August 18, 2022, from <https://www.cdc.gov/antibiotic-use/core-elements/pdfs/fs-bloodculture-508.pdf>.
⁶CLSI. Principles and Procedures for Blood Cultures. 2nd ed. CLSI guideline M47. Clinical Laboratory Standards Institute; 2022.



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