



Update: Bicarbonate reagent recall

Find more information about the recall and suggested action items.



HealthBeat HUB

Thursday, October 23, 2025

Beckman Coulter has issued a field correction for specific **Bicarbonate (CO₂) reagent lots** due to potential positive bias in results when **lactate dehydrogenase (LDH) levels are markedly elevated (>2000 U/L)**. The interference increases as LDH rises and may be clinically significant in some cases. *It's important to note that the effect doesn't occur in samples with LDH within the normal range.*

The affected reagent lots were in use across our system for several months (between January and October 2025) and carry a risk of falsely elevated CO₂ results in patients with significantly elevated LDH levels. While we've transitioned to alternative reagent lots and implemented internal corrective measures, we're providing guidance on next steps.

What do you need to do?

1. If you have clinical concerns about a CO₂ result reported within the past 10 months, particularly if it appeared unexpectedly elevated, **please review the result in the context of the patient's overall clinical status and follow up with the patient as clinically appropriate.**
2. For future patients with unexplained elevated CO₂ levels and suspected high LDH (e.g., tissue injury, hemolysis, shock, malignancy), **consider ordering LDH as part of clinical**

↩ The laboratory will continue to monitor performance closely and provide updates if additional information becomes available.

Thanks for helping to maintain the highest standards of patient care at The Ohio State University Wexner Medical Center.

Top Comments ▾

0 Comments



Think before you post. Before pressing send, consider that this will be shared in a workplace setting.



Write a comment...



0/500



No comments

Be the first to leave a comment