

The lab flagged it itself.

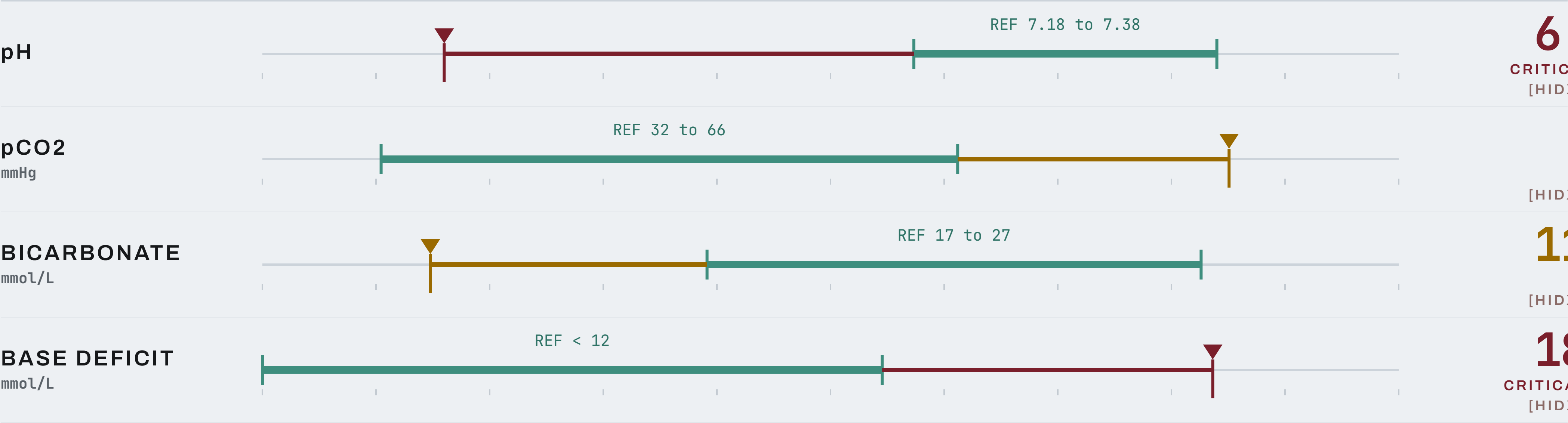
Four arterial values fell outside the range the laboratory printed on its own report. The fifth, pO2, was within range.

6.87

ARTERIAL pH

CRITICAL LOW

The laboratory's own flag. Reference range 7.18 to 7.38.
[HIDX000001]



"Arterial and venous pH differ by 0.17 and pCO2 by 21 mmHg, confirming that two separate vessels were sampled."
[HIDX000001]

SYNTHETIC DEMONSTRATION RECORD. Every value, time and quotation here comes from a fabricated record set built for this sample. No physician has reviewed it for clinical accuracy. It shows sourcing and citation method. It is not a clinical teaching example.

UMBILICAL CORD BLOOD GAS REPORT**Collected:** 06/14/2025 15:12**Facility:** Riverbend Regional Medical Center**UMBILICAL ARTERY**

pH 6.87 (ref 7.18 - 7.38) CRITICAL LOW

pCO₂ 82 mmHg (ref 32 - 66) HIGHpO₂ 11 mmHg (ref 5 - 24)

Bicarbonate 11.4 mmol/L (ref 17 - 27) LOW

Base deficit 18.4 mmol/L (ref less than 12) CRITICAL HIGH

UMBILICAL VEIN

pH 7.04 (ref 7.25 - 7.45) LOW

pCO₂ 61 mmHg Base deficit 12.1 mmol/L HIGH**SPECIMEN VALIDATION**Arterial and venous pH differ by 0.17 and pCO₂ by 21 mmHg, confirming that two separate vessels were sampled.

SYNTHETIC SAMPLE
NOT A REAL PATIENT OR FACILITY