

Corewell Laboratory

Dearborn • Farmington Hills • Grosse Pointe • Royal Oak • Taylor • Trenton • Troy • Wayne

Blood Gas Panels Update**Effective Date: 11 June 2024**

Effective June 11th, total carbon dioxide (CO₂) values will no longer be reported on the blood gas panels.

This change will avoid redundancy as bicarbonate (HCO₃⁻) values are also reported on these panels. The total CO₂ content includes the bicarbonate as well as available forms of carbon dioxide (*i.e.*, dissolved CO₂ and carbonic acid). Generally, the bicarbonate comprises about 95% of the total CO₂ content. Both total CO₂ and bicarbonate values are excellent estimator of each other.

This change is applicable to the following tests:

Name	Abbreviation	Code
Arterial Blood Gas	ABG	LAB5331
Venous Blood Gas	VBG	LAB7119
Capillary Blood Gas	CAPBG	LAB5332
Mixed Venous Blood Gas	MVBG	LAB5338
Arterial Cord Blood Gas	CBGA	LAB5333
Venous Cord Blood Gas	CBGV	LAB5334
Blood Gases, Critical Care Panel	CCP	LAB7021

If you have questions, please contact your Corewell Laboratory Customer Service Department:

Farmington Hills, Grosse Pointe, Royal Oak, and Troy: 800-551-0488 or 248-551-1155, Option 5

Dearborn, Taylor, Trenton, and Wayne: 800-245-3725, Option 1

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