

Important Announcement

Blood Gas Reference Ranges Updated

March 2024

Normal Reference Ranges for the venous blood gas components pO₂, sO₂, and Oxyhemoglobin were updated on February 20, 2024, in conjunction with new method validations. Provider feedback about clinical decision points and increased potential for adverse patient safety events, when values for these components are at a lower concentration, elicited further review. In response, Normal Reference Ranges were reverted to the previously established ranges **effective Monday, March 11, 2024**, as indicated below.

| Venous Blood Gas Component | Reference Range Prior to March 11, 2024 | Reference Range Effective March 11, 2024 |
|-----------------------------------|--|---|
| Venous pO ₂ | 20 – 65 mmHg | 35 – 42 mmHg |
| Venous sO ₂ | 23 – 93% | 60 – 80% |
| Venous Oxyhemoglobin | N/A | 60 – 80% |

For additional information regarding these reference range changes, please contact ACL Client Services at 1.800.877.7016 or visit our website at <https://www.acllaboratories.com/providers/test-directory/>.