

## Blood Gases Arterial

Order Name: **BL GAS ART**  
Test Number: 2000500  
Revision Date: 07/14/2023

TEST NAME	METHODOLOGY	LOINC CODE
pH Blood Arterial (Gases)	Potentiometric	2744-1
PCO2 Arterial Blood Gas	Potentiometric	2019-8
PO2 Arterial Blood Gas	Potentiometric	2703-7
Arterial Bicarbonate	Potentiometric	1960-4
Oxygen Saturation Arterial	Potentiometric	2708-6
Base Excess Arterial Blood	Calculation	1925-7
Base Deficit	Calculation	30318-0
Temperature Adjusted pH	Calculation	
Temperature Adjusted PCO2	Calculation	
Temperature Adjusted PO2	Calculation	
Percent O2 Delivered - Prompt		3150-0
O2 Liters / Minute - Prompt		19941-4
Patient Temperature - Prompt		
Equipment Used - Prompt		

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	2 mL (1.0)	Whole Blood	Blood gas syringe	On Ice
Instructions	<p>Collect Without Ice if testing can be performed within 30 minutes of collection. <b>If testing delayed &gt;30 minutes, Collect on Cce. Stability is 1 hour.</b></p> <p>Testing performed at St. John Sapulpa and Labcorp Oklahoma Cityplex cannot accept specimens on ice and testing must be within 10 minutes of collection.</p> <p>All air bubbles must be removed from syringe to insure valid results. Note O2 on syringe.</p>			

### GENERAL INFORMATION

Testing Schedule	Daily
Expected TAT	1 day
Clinical Use	Useful in the clinical management of respiratory and metabolic disorders.
CPT Code(s)	82803
Lab Section	Chemistry