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

Collect Without Ice if testing can be performed within 30 minutes of collection. If testing delayed >30 minutes, Collect on Cce. Stability is 1 hour.

Testing performed at St. John Sapulpa and Labcorp Oklahoma Cityplex cannot accept specimens on ice and testing must be within 10 minutes of collection.

All air bubbles must be removed from syringe to insure valid results. Note O2 on syringe.

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

Service provided by
Labcorp Oklahoma, Inc.
All Rights Reserved. © 2003 - 2025