Blood Gas Arterial

Synonyms | ABG, Blood Gas, Arterial Blood Gas

Abbreviation | ABG

Specimen type | Whole blood, arterial

Container | Heparinized ABG syringe
Acceptable: Li Heparin tube (green)

Volume | 1.0 mL
Minimum: 0.5 mL

Collection requirements | RT or nursing collects by arterial puncture or an art line. Expel air, cap tightly, mix well. If analysis will be delayed >30 min, place on ice.

S/H instructions | Place on ice if testing delayed >30 min.

Stability | 30 min at room temp

Reference range

Assay	Ref Range	Panic
pH	7.35 – 7.45	≤7.2 or ≥7.6
pCO2	35 – 45 mmHg	
HCO3	22 – 26 mEq/L	≤10 or ≥40mEq/L
pO2	80.0 – 100.0 mmHg	≤49.0 or ≥999.0 mmHg
O2 sat	96 – 98%	

Routine / STAT T.A.T | Within 4 hours / 1 hour

Section | Chem

LAB code | 01269