



BLOOD GASES

Synonym(s):

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Lab Section Category	Clinical Biochemistry Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/clinical-biochemistry.aspx).
Specimen Required	3 mL arterial blood in heparinised sealed syringe immersed in crushed ice. Send without delay for immediate analysis.
Method	Electrochemistry
Reference Interval/Value	From 0 day pH : 7.350 - 7.450 pCO ₂ : 35.0 - 45.0 mmHg pO ₂ : 75.0 - 100 mmHg BE : -2.0 - 2.0 mmol/L O ₂ Sat : 95.0 - 100.0% Std Bicarb. : 21.0 - 27.0 mmol/L
Turnaround Time	Mean = 4 hrs, Range: 3 – 5 hrs
Day(s) Test Set up	Daily, 24 hrs STAT

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