

# Blood Gas, Arterial

## ALTERNATE NAMES

ABG

## SPECIMEN TYPE

Heparin whole blood

## STORAGE

Transfer to lab immediately

## ROUTINE / STAT T.A.T.

24 hours / 30 mins

## STABILITY

## REFERENCE RANGE

pH: 7.35 – 7.45

PCO<sub>2</sub>: Female: 32 - 35 mmHg  
Male: 35 – 48 mmHg

PO<sub>2</sub> 0-2 months: 60 – 70 mmHg  
3 months+: 80 – 105 mmHg

Base Excess: -2.5 – 2.5 mmol/l

HCO<sub>3</sub>: 23.0 – 27.0 mmol/l

Total CO<sub>2</sub>: 25.0 – 32.0 mmol/l

O<sub>2</sub> Saturation: 95 – 100%