

## ADULT BLOOD GAS REFERENCE INTERVALS

<p><b>pH</b></p> <p><b>arterial</b></p> <p>2 days up to 60 years      7.35 to 7.45          60 years up to 90 years    7.31 to 7.42          90 years up to unspecified   7.26 to 7.43</p> <p><b>venous</b></p> <p>0 day up to unspecified    7.32 to 7.43</p>	<p><b>pCO<sub>2</sub></b></p> <p><b>arterial</b></p> <p>24 months up to unspecified              Male    35 to 48 mm Hg              Female 32 to 45 mm Hg</p> <p><b>Venous</b></p> <p>24 months up to unspecified              Male    40 to 55 mm Hg              Female 37 to 52 mm Hg</p>
<p><b>pO<sub>2</sub></b></p> <p><b>arterial</b></p> <p>2 days up to 60 years    83 to 108 mm Hg          60 years up to 70 years   &gt;80 mm Hg          70 years up to 80 years   &gt;70 mm Hg          80 years up to unspecified &gt;60 mm Hg</p> <p><b>Venous</b></p> <p>0 day up to unspecified   25 to 40 mm Hg</p>	<p><b>Base Deficit/Excess*</b></p> <p>12 years up to unspecified              (-2) to (+3) mmol/L</p>
<p><b>% Oxygen Saturation</b></p> <p><b>arterial</b></p> <p>4 days up to unspecified      94 to 98 %</p> <p><b>Venous</b></p> <p>4 days up to unspecified      65 to 80%</p>	<p><b>Bicarbonate, calculated</b></p> <p>2 years up to unspecified              22 to 26 mmol/L</p>
<p><b>Hematocrit (Hct)</b></p> <p>17 years up to unspecified              Male    40 – 51%              Female 34 – 45%</p>	<p><b>Total Hemoglobin (tHgb)</b></p> <p>17 years up to unspecified              Male    13.7 – 17.5 g/dL              Female 11.2 – 15.7 g/dL</p>
<p><b>Glucose</b></p> <p>17 years up to unspecified          74 to 99 mg/dL</p>	<p><b>Ionized Calcium(iCa<sup>++</sup>)</b></p> <p>7 days up to 90 years              4.6 to 5.1 mg/dL          90 years up to unspecified              4.5 to 5.3 mg/dL</p>
<p><b>Potassium(K<sup>+</sup>)</b></p> <p>1 year up to unspecified              3.6 to 4.9 mmol/L</p>	<p><b>Lactate</b></p> <p>Venous    0.5 - 2.2 mmol/L          Arterial   0.5 - 1.6 mmol/L</p>
<p><b>Sodium (Na)</b></p> <p>8 days up to 17 years   133 to 144 mmol/L          17 years up to unspecified              136 to 145 mmol/L</p>	<p><b>Chloride (Cl<sup>-</sup>)</b></p> <p>1 year up to unspecified              97-107 mmol/L</p>