

ARTERIAL BLOOD GAS (ABG) REFERENCE CHART

Parameter	Normal Range	Unit
pH	7.35 - 7.45	-
PaCO₂ , (Carbon Dioxide)	35 - 45	mmHg
PaO₂ , (Oxygen)	80 - 100	mmHg
HCO₃⁻ (Bicarbonate)	22 - 28	mEq/L
SaO₂ , (Oxygen Saturation)	95 - 100	%
Base Excess	-2 to +2	mEq/L

Clinical Interpretation Notes:

• Respiratory Acidosis: pH < 7.35, PaCO₂ > 45

• Respiratory Alkalosis: pH > 7.45, PaCO₂ < 35

• Metabolic Acidosis: pH < 7.35, HCO₃⁻ < 22

• Metabolic Alkalosis: pH > 7.45, HCO₃⁻ > 28