Acid Base Balances

Normal Ranges

1. Look at the pH

If the pH is low the patient is Acidotic
If the pH is high the patient is Alkolotic

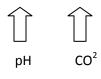
2. Look at the pH and Co²

If the pH and the Co² are going in the opposite directions it is Respiratory



Respiratory Alkalosis

Respiratory Acidosis



Compensation

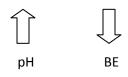
3. Look at pH and BE

If the pH and the BE are going in the same direction it is Metabolic.



Metabolic Alkalosis

Metabolic Acidosis



Compensation