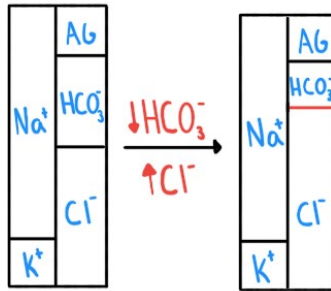


Always obtain pH, NGMA maybe compensatory to Resp Alkalosis



Normal Gap Metabolic Acidosis

Urine AG -
NeGUTive

Bowel

Loss HCO₃⁻ Rich Fluid

- Diarrhea
- Fistulas/Ostomies
 - Ureterosigmoid Fistula
 - Pancreatic Fistula
 - Obstructed Ureteroileostomy
- Drugs
 - Cholestyramine

Kidney

↓HCO₃⁻ Reabsorption

- Proximal RTA

UAG Usually Neg but Pos After Rx

Cl⁻ Load

- ↑↑ Normal Saline
- TPN

UAG +

Kidney

↓H⁺ Excretion (↓NH₄⁺ genesis)

- Distal RTA
- Hypoaldosteronism
- Ileal Conduit
- Early AKI
- CKD 3b,4,5] Don't Measure UAG