

Pre-AP Chemistry/AP Chemistry  
Unit #12—Acids and Bases

Conjugate Acid-Base Pairs

Conjugate Acid—a substance formed by the addition of a proton to a Bronsted-Lowry base.

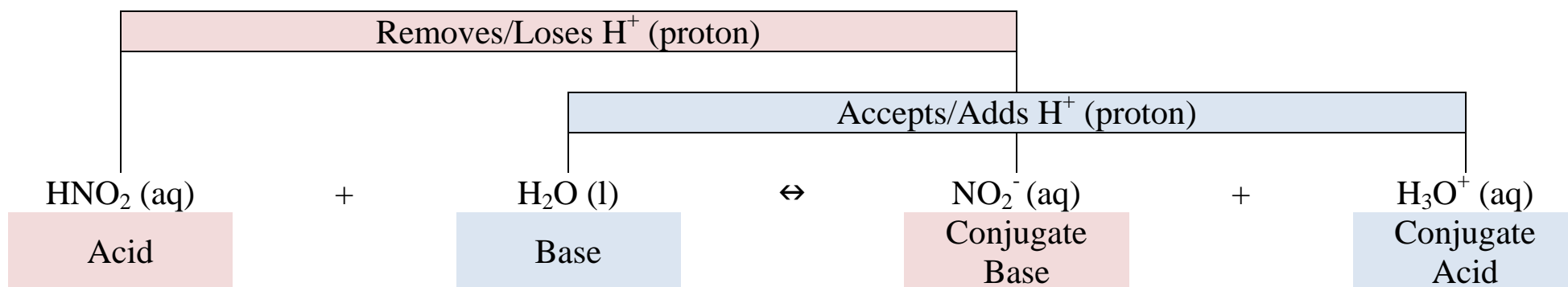
Conjugate Base—a substance formed by the loss of a proton from a Bronsted-Lowry acid.

Conjugate Acid-Base Pairs—an acid and a base, such as  $\text{H}_2\text{O}$  and  $\text{OH}^-$ , that differ only in the presence or absence of a proton.

Bronsted-Lowry Acid—a substance that acts as a proton donor.

Bronsted-Lowry Base—a substance that acts as a proton acceptor.

*For an Acid*



*For a Base*

