

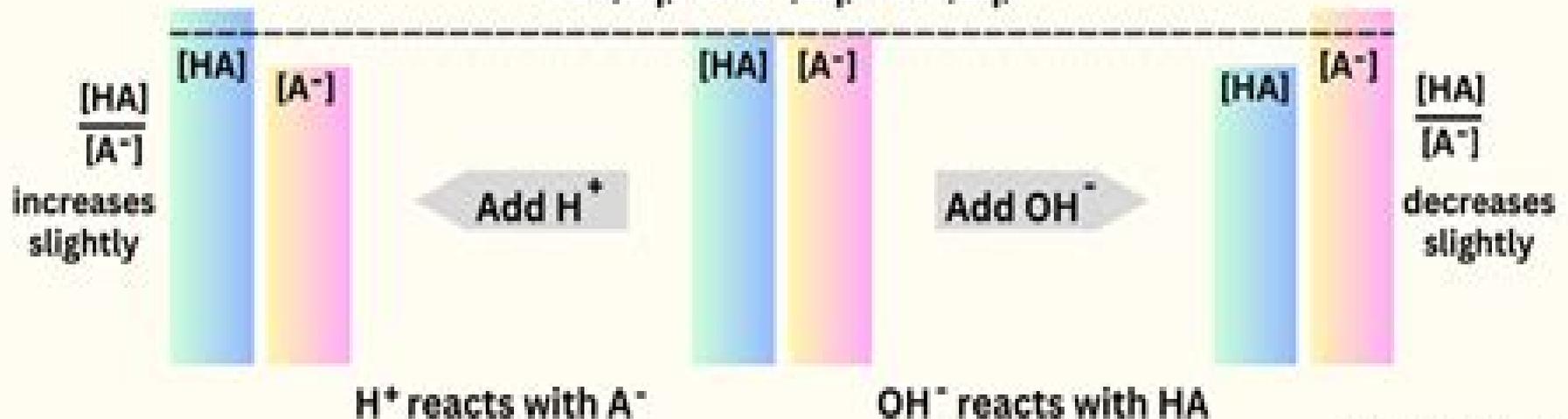
What Is a Buffer in Chemistry?

A buffer is a solution that resists changes in pH when a small amount of acid or base is added.

A buffer solution consists of a weak acid and its conjugate base or a weak base and its conjugate acid.



$$[\text{H}^+] = \frac{[\text{HA}]}{[\text{A}^-]}$$



Buffer Solutions The Basics Garland Science

Karin Nielsen-Saines

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