

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
35	Bicarbonate ion	e _{aq} ⁻ + HCO ₃ ⁻ →		< 1 × 10 ⁶	p.r.; D.k.; concn. 10 ⁻³ mol L ⁻¹ , no OH scavenger added; see also [670218] for c.k. with CO ₂ giving $k \approx 6 \times 10^5$.	640046