

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
75	Fluoride Ion	$\text{H}^\bullet + \text{F}^- \longrightarrow \text{HF} + \text{e}_{\text{aq}}^-$	8.3	$1.0 \times 10^4$	p.r.; Effect of H <sup>+</sup> concn. on $e_{\text{aq}}^-$ decay in 1.0 mol L <sup>-1</sup> KF.	670115