

Table 15.5-1. Redox Potentials

	Redox Couple	E'_0 [mV]
Typical electron donors	$2\text{H}^+/\text{H}_2$	-410
	pyruvate/lactate	-197
	fumarate/succinate	+33
.....		
Typical electron acceptors	CO_2/CH_4	-244
	$\text{HSO}_3^-/\text{HS}^-$	-110
	APS/ $\text{HSO}_3^- + \text{AMP}$	-60
	fumarate/succinate	+33
	$\text{NO}_3^-/\text{NH}_3$	+340
	$\text{NO}_3^-/\text{NO}_2^-$	+430
	NO_3^-/N_2	+740
	$\text{N}_2\text{O}/\text{N}_2$	+1355
.....		
For comparison: aerobic	$\frac{1}{2}\text{O}_2/\text{H}_2\text{O}$	+816