## Escherichia coli and Salmonella

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TABLE 1 Midpoint potentials ( $E_{m,7}$ ) of electron donor and acceptor couples

Couple	$E_{m,7} (mV)$	Reference
1/2O2/H2 <sup>-</sup>	+818	371
NO <sub>3</sub> <sup>-</sup> /NO <sub>2</sub> <sup>-</sup>	+433	371
NO <sub>3</sub> <sup>-</sup> /NH <sub>4</sub> <sup>+</sup>	+360	153
1/2S4O6 <sup>2-</sup> /S2O3 <sup>2-</sup>	+170 to +24	20
(CH <sub>3</sub> ) <sub>2</sub> SO/(CH <sub>3</sub> ) <sub>2</sub> S	+160	427
(CH <sub>3</sub> ) <sub>3</sub> N)/(CH <sub>+3</sub> ) <sub>3</sub> NH <sup>+</sup>	+130	21
Q/ubiquinol	+113	371
DMK/demethylmenaquinol	+36	385
Fumarate/succinate	+30	371
MK/menaquinol	-74	371
DHAP/G3P <sup>a</sup>	-190	371
FMN/FMNH <sub>2</sub>	-190	371
Pyruvate/lactate	-190	371
FAD/FADH <sub>2</sub>	-220	371
NAD <sup>+</sup> /NADH	-320	371
$S_2O_3^{2-}/S^{2-} + HSO^{3-}$	-402 to -420	20
H <sup>+</sup> /½H <sub>2</sub>	-414	371
CO <sub>2</sub> /HCO <sub>2</sub>	-432	371

 $<sup>{\</sup>it ``DHAP/G3P, dihydroxyacetone phosphate/glycerol 3-phosphate.}$