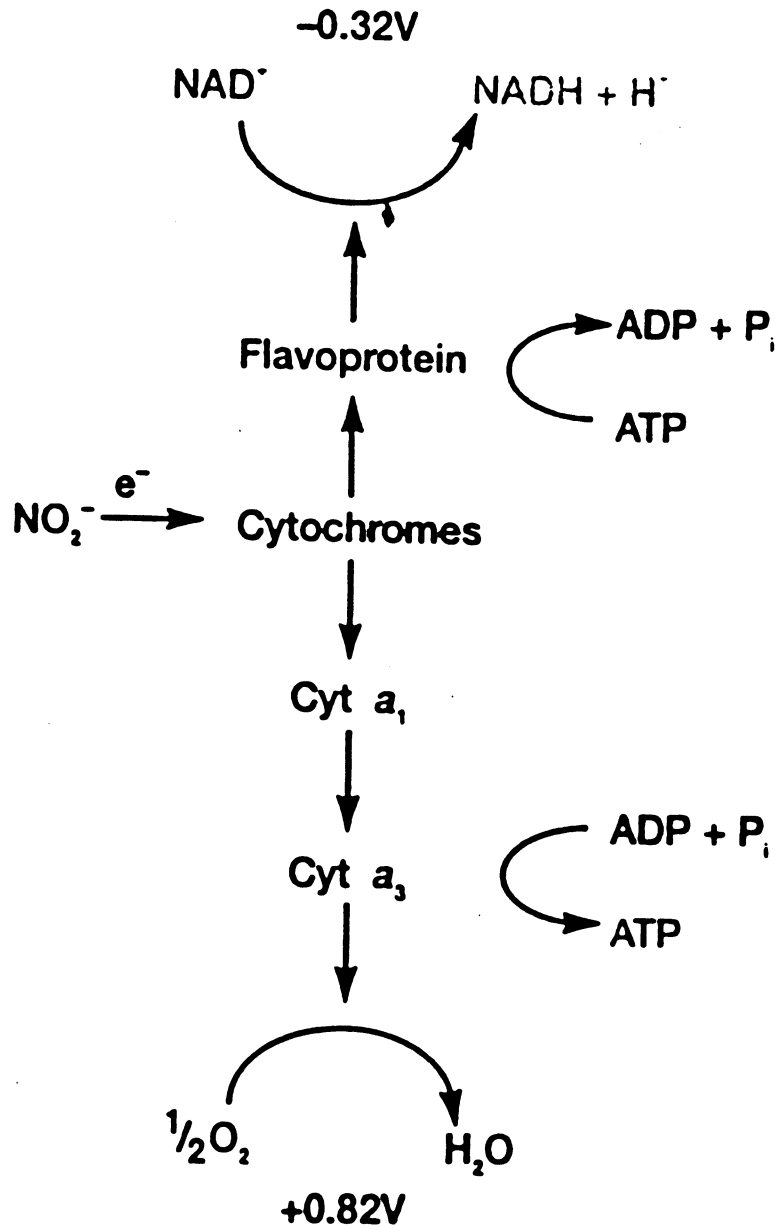


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1. Lactic acid bacteria (*Streptococcus*, *Lactobacillus*), *Bacillus*
  2. Yeast, *Zymomonas*
  3. Propionic acid bacteria (*Propionibacterium*)
  4. *Enterobacter*, *Serratia*, *Bacillus*
  5. Enteric bacteria (*Escherichia*, *Enterobacter*, *Salmonella*, *Proteus*)
  6. *Clostridium*



**Figure 9.20 Reversed Electron Flow.** The flow of electrons in the transport chain of *Nitrobacter*. Electrons flowing from nitrite to oxygen (down the reduction potential gradient) will release energy. It requires protonmotive force or ATP energy to force electrons to flow in the reverse direction from nitrite to  $\text{NAD}^+$ .