Aerobic respiration

Glycolysis **2ATP (Substrate-level phosphorylation)**

2 HADH·H$^+$ → 6 ATP (in electron-transport chain)

Pyruvate oxidation **2 HADH·H$^+$ → 6 ATP (in electron-transport chain)**

Krebs cycle **2ATP (Substrate-level phosphorylation)**

6 HADH·H$^+$ → 18 ATP (in electron-transport chain)

2 FADH2 → 4 ATP (in electron-transport chain)

Total net ATP yield = 38 (36 in eukaryotes)

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