

## Citric Acid Cycle

Sections/problems listed with an asterisk (\*) do not discuss the exact reaction indicated, but do discuss a closely related reaction.

- Pyruvate dehydrogenase complex ([EC 1.2.4.1](#)) [Section 12.3D](#); [Section 16.12B](#)
- Citrate synthase ([EC 2.3.3.8](#)) [Section 12.3E](#); [Section 13.3B](#)
- Aconitase ([EC 4.2.1.3](#)) [Section 14.1D](#)
- Isocitrate dehydrogenase ([EC 1.1.1.42](#)) [Section 13.5C](#)
- $\alpha$ -ketoglutarate dehydrogenase complex: [Section 16.12B\\*](#); [P16.8](#)
  - Oxoglutarate dehydrogenase ([EC 1.2.4.2](#))
  - Dihydrolipoyl succinyltransferase ([EC 2.3.1.61](#))
  - Dihydrolipoyl dehydrogenase ([EC 1.8.1.4](#))
- Succinyl CoA synthetase ([EC 6.2.1.4](#)) [Section 12.3\\*](#); [P12.2](#); [C12.1](#)
- Succinate dehydrogenase ([EC 1.3.5.1](#)) [Section 15.5C](#)
- Fumarase ([EC 4.2.1.2](#)) [Section 14.1C](#)
- Malate dehydrogenase ([EC 1.1.1.37](#)) [Section 16.4\\*](#)

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