



Table 18.1 Pyruvate dehydrogenase complex of *E. coli*

Enzyme	Abbreviation	Number of chains	Prosthetic group	Reaction catalyzed
Pyruvate dehydrogenase component	E ₁	24	TPP	Oxidative decarboxylation of pyruvate
Dihydrolipoyl transacetylase	E ₂	24	Lipoamide	Transfer of acetyl group to CoA
Dihydrolipoyl dehydrogenase	E ₃	12	FAD	Regeneration of the oxidized form of lipoamide

Abbreviations: TPP, thiamine pyrophosphate; FAD, flavin adenine dinucleotide.

Table 18.1
Biochemistry: A Short Course, Second Edition
© 2013 W. H. Freeman and Company





