

## Abbreviations List for This Part of 5.07

$\alpha$ -KG = $\alpha$ -ketoglutarate	PDH = pyruvate dehydrogenase
$\alpha$ -KGDH = $\alpha$ -ketoglutarate dehydrogenase	PEP = phosphoenol pyruvate
1,3-BPG = 1,3-bisphosphoglycerate	PGK = phosphoglycerate kinase
2,3-BPG = 2,3-bisphosphoglycerate	PGluM (or PGM) = phosphoglucomutase
2PGA = 2-phosphoglyceric acid	PGlyM = phosphoglycerate mutase
3PGA = 3-phosphoglyceric acid	PK = pyruvate kinase
AC = aconitase	S, Suc = succinate
ADH = alcohol dehydrogenase	SCoA = succinylCoA
C = citrate	SDH = succinate dehydrogenase
CHO = carbohydrate	SS = succinate synthetase
cis-A = <u>cis</u> -aconitate	TAG = triacylglyceride
CS = citrate synthase	TCA = tricarboxylic acid cycle
DHAP = dihydroxyacetone-3-phosphate	
FA = fatty acid	P = phosphate
F, Fum = fumarate	
F1,6BP = fructose-1,6-bisphosphate	
F2,6BP = fructose-2,6-bisphosphate	
F6P = fructose-6-phosphate	
FH = fumarate hydratase	
G = glucose	
G1P = glucose-1-phosphate	
G6P = glucose-6-phosphate	
G6Pase = glucose-6-phosphatase	
GAP (G3P) = glyceraldehyde-3-phosphate	
GAPDH = glyceraldehyde-3-phosphate dehydrogenase	
GK = glucokinase	
GNG = gluconeogenesis	
GP = glycogen phosphorylase	
GS = glycogen synthase	
HK = hexokinase	
IC = isocitrate	
ICDH = isocitrate dehydrogenase	
LDH = lactate dehydrogenase	
M, Mal = malate	
MDH = malate dehydrogenase	
OA = oxaloacetate	
P = pyruvate	
PDC = pyruvate decarboxylase	

MIT OpenCourseWare  
<https://ocw.mit.edu>

5.07SC Biological Chemistry I  
Fall 2013

For information about citing these materials or our Terms of Use, visit: <https://ocw.mit.edu/terms>.