

Abbreviations

Enzymes

ADA	Adenosine deaminase	GDH	Glycerol-1-phosphate dehydrogenase
	Adenosine aminohydrolase		
ADH	Alcohol dehydrogenase		α -Glycerophosphate dehydrogenase
	Aldehyde reductase		
	Alcohol:NAD oxidoreductase		L-Glycerol-3-phosphate:NAD oxidoreductase
ALD	Aldolase	GK	Glycerokinase
	Fructose-1,6-diphosphate aldolase		ATP: glycerol phosphotransferase
	Ketose-1-phosphate aldehyde-lyase	Gl-I	Glyoxalase I
AP	Phosphatase, alkaline		S-Lactoyl-glutathione methylglyoxal-lyase (isomerizing)
	Phosphomonoesterase I		
ARS	Arylsulphatase	GlDH	L-Glutamic dehydrogenase
	Steroid sulphatase		L-Glutamate:NAD oxidoreductase (deaminating)
	Sulphatase		
	Sterol sulphate sulphohydrolase	Gly-R	Glyoxylic acid reductase
CAH	Carbonic anhydrase		Glycollate:NAD oxidoreductase
CAT	Catalase	GOD	Glucose oxidase
	H ₂ O ₂ :H ₂ O ₂ oxidoreductase		β -D-Glucose:O ₂ oxidoreductase
CCE	Citrate cleavage enzyme	GOT	Glutamate-oxaloacetate transaminase
CE	Citrate condensing enzyme		
ChE	Cholesterin esterase		L-Aspartate: 2-oxoglutarate aminotransferase
CHTR	Chymotrypsin		
CPK	Creatine phosphokinase	G6Pase	Glucose-6-phosphatase
	Creatine kinase	G6P-DH	Glucose-6-phosphate dehydrogenase
	ATP-creatine transphosphorylase		Zwischenferment
	ATP: creatine phosphotransferase		D-Glucose-6-phosphate:NADP oxidoreductase
DNase	Deoxyribonuclease		
EN	Enolase	GPT	Glutamate-pyruvate transaminase
	Phosphopyruvate hydratase		L-Alanine: 2-oxoglutarate aminotransferase
	D-2-Phosphoglycerate hydrolase		
ETF	Electron transferring flavoprotein	GR	Glutathione reductase
FDPase	Fructose-1,6-diphosphatase		NAD(P)H ₂ : glutathione oxidoreductase
FUM	Fumarase	GRD	β -Glucuronidase
GAD	General acyl-CoA dehydrogenase		β -D-Glucuronide glucuronohydrolase
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase		
	D-Glyceraldehyde-3-phosphate:NAD oxidoreductase (phosphorylating)	HK	Hexokinase
			ATP: D-hexose-6-phosphotransferase

HOADH	β -Hydroxyacyl-CoA dehydrogenase L-(+)- β -Oxyacyl dehydrogenase β -Hydroxybutyryl-CoA dehydrogenase L-3-Hydroxyacyl-CoA:NAD oxidoreductase	PGluM PGM	Phosphoglucomutase D-Glucose-1,6-diphosphate: D-glucose-1-phosphate phosphotransferase 3-Phosphoglycerate mutase D-2,3-Diphosphoglycerate:D-2-phosphoglycerate phosphotransferase
ICDH	Isocitric dehydrogenase L _S -Isocitrate:NADP oxidoreductase	PK	Pyruvic kinase Pyruvate kinase ATP:pyruvate phosphotransferase
IDH	Isocitric dehydrogenase L _S -Isocitrate:NADP oxidoreductase	PL-D POD	Phospholipase D Lecithinase D Peroxidase Donor: H ₂ O ₂ oxidoreductase
LAP	Leucine aminopeptidase	PTA	Phosphotransacetylase Acetyl-CoA:orthophosphate acetyltransferase
LDH	Lactic dehydrogenase L-Lactate:NAD oxidoreductase	RDH RNase	Ribitol dehydrogenase Ribonuclease Polyribonucleotide:2-oligonucleotidotransferase (cyclizing)
MDH	Malic dehydrogenase L-Malate:NAD oxidoreductase	R5P-I	Ribose-5-phosphate isomerase
MK	Myokinase, adenylate kinase ATP:AMP phosphotransferase	SDH	Sorbitol dehydrogenase Polyol dehydrogenase
OCT	Ornithine carbamyl transferase	SDPase SP	Sedoheptulose-1,7-diphosphatase Phosphatase, acid
PFA	1-Phosphofructoaldolase Fructose-1-phosphate aldolase	TIM	Triosephosphate isomerase D-Glyceraldehyde-3-phosphate ketol-isomerase
6-PG-DH	6-Phosphogluconic dehydrogenase Gluconic-6-phosphate dehydrogenase 6-Phospho-D-gluconate:NADP oxidoreductase (decarboxylating)	TK TR	Thiokinase Trypsin
PGI	Phosphoglucose isomerase Glucose phosphate isomerase Phosphohexose isomerase D-Glucose-6-phosphate ketol-isomerase	UDPG-DH	Uridine diphosphoglucose dehydrogenase UDPglucose:NAD oxidoreductase
PGK	Phosphoglycerate kinase ATP:D-3-phosphoglycerate 1-phosphotransferase	XOD ZF	Xanthine oxidase Zwischenferment (see G6P-DH)

Coenzymes and Substrates

ADP	Adenosine-5'-diphosphoric acid Adenosine-5'-pyrophosphoric acid	AMP	Adenosine-5'-monophosphoric acid Muscle adenylic acid
A-2',5'-DP	Adenosine-2',5'-diphosphate	A-2'-MP	Adenosine-2'-monophosphate
A-3',5'-DP	Adenosine-3',5'-diphosphate		

A-3'-MP	Adenosine-3'-monophosphate	ISN	Inosine
AP-DPN	Acetylpyridine analogue of diphosphopyridine nucleotide	KG	α -Ketoglutaric acid
ATP	Adenosine-5'-triphosphoric acid		α -Oxoglutaric acid
Bz-CoA	Benzoyl-CoA	OAA	Oxaloacetate
C-2',3'-MP	Cytidine-2',3'-monophosphate, cyclic	PEP	Phosphoenolpyruvate
CoA	Coenzyme A	2-PG	D-2-Phosphoglycerate
CoA-SH	Coenzyme A	3-PG	D-3-Phosphoglycerate
CoA-S-S-CoA	Coenzyme A, oxidized		<i>Nilsson-Lohmann</i> ester
CP	Creatine phosphate	6-PG	D-6-Phosphogluconic acid
	Phosphocreatine	1,3-PG-P	1,3-Diphosphoglycerate
DAP	Dihydroxyacetone phosphate	1,3-diPG	1,3-Diphosphoglycerate
DPN	Diphosphopyridine nucleotide	2,3-PG-P	2,3-Diphosphoglycerate
	Nicotinamide-adenine dinucleotide (NAD)	2,3-diPG	2,3-Diphosphoglycerate
		Py	Pyruvate
DPNH	Diphosphopyridine nucleotide, reduced	RNA	Ribonucleic acid
	Nicotinamide-adenine dinucleotide, reduced (NADH)	R-5-P	D-Ribose-5-phosphate
		Ru-1,5-P ₂	D-Ribulose-1,5-diphosphate
		Ru-5-P	D-Ribulose-5-phosphate
E-4-P	D-Erythrose-4-phosphate		
FAD	Flavine adenine dinucleotide	SDP	D-Sedoheptulose-1,7-diphosphate
FDP	D-Fructose-1,6-diphosphate	S-1,7-P ₂	D-Sedoheptulose-1,7-diphosphate
	<i>Harden-Young</i> ester	S-7-P	D-Sedoheptulose-7-phosphate
FMN	Flavine mononucleotide		
	Lactoflavine phosphate	TPN	Triphosphopyridine nucleotide
F-1,6-P ₂	D-Fructose-1,6-diphosphate		Nicotinamide-adenine dinucleotide phosphate (NADP)
F-1-P	D-Fructose-1-phosphate		
F-6-P	D-Fructose-6-phosphate	TPNH	Triphosphopyridine nucleotide, reduced
	<i>Neuberg</i> ester		Nicotinamide-adenine dinucleotide phosphate, reduced (NADPH)
GAP	D-Glyceraldehyde-3-phosphate		
Ga-1-P	D-Galactose-1-phosphate	TPP	Thiamine pyrophosphate
α -GP	L-Glycerol-1-phosphate		Cocarboxylase
	α -Glycerophosphate		Aneurin pyrophosphate
G-1-P	D-Glucose-1-phosphate		
G-6-P	D-Glucose-6-phosphate	UDPG	Uridine diphosphoglucose
	<i>Robison</i> ester		Cowaldenase
GSH	Glutathione	UDPGal	Uridine diphosphogalactose
GSSG	Glutathione, oxidized	UDPGA	Uridine diphosphoglucuronic acid
	Glutathione disulphide		
HMG-CoA	β -Hydroxy- β -methylglutaryl-CoA	U-2',3'-MP	Uridine-2',3'-monophosphate, cyclic
HXN	Hypoxanthine	UTP	Uridine-5'-triphosphate