

Abbreviations

ACP	Acyl carrier protein
ADH	Alcohol dehydrogenase
ADHD	Attention deficit hyperactivity disorder
ADP	Adenosine diphosphate
AI	Adequate intake
AIDS	Acquired immunodeficiency syndrome
AMDR	Acceptable macronutrient distribution range
AOAC	Association of Official Analytical Chemists
APOA1	Apolipoprotein A-1
ARMD	Age-related macular degeneration
ATP	Adenosine triphosphate
BAT	Brown adipose tissue
BIA	Bioelectrical impedance analysis
BMF	Breast milk fortifier
BMI	Body mass index
BMR	Basal metabolic rate
BV	Biological value
CCK	Cholecystokinin
CD	Crohn's disease
CDC	The US Centers for Disease Control and Prevention
CE	Cholesterol ester
CHD	Coronary heart disease
CHO	Carbohydrates
CLA	Conjugated linoleic acid
CNS	Central nervous system
CoA	Coenzyme A
COPD	Chronic obstructive pulmonary disease
CRP	C-reactive protein
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CT	Computed tomography
CVD	Cardiovascular disease
DDT	Dichlorodiphenyltrichloroethane
DEXA	Dual-energy X-ray absorptiometry
DHA	Docosahexaenoic acid
DIT	Diet-induced thermogenesis
DLW	Doubly labelled water
DNA	Deoxyribonucleic acid

DRI	Dietary reference intakes
DRV	Dietary reference values
dTMP	Deoxythymidine monophosphate
EAR	Estimated average requirement
EER	Estimated energy requirement
EPA	Eicosapentaenoic acid
EPIC	European Prospective Investigation into Cancer and Nutrition
FAD	Flavin adenine dinucleotide
FAEE	Fatty acid ethyl ester
FAO	Food and Agriculture Organization of the United Nations
FAS	Fetal alcohol syndrome
FDA	Food and Drug Administration
FFQ	Food frequency questionnaire
FMN	Flavin mononucleotide
FNIGC	First Nations Information Governance Centre
FOS	Fructooligosaccharides
FOSHU	Foods for specified health use
GDM	Gestational diabetes mellitus
GI	Gastrointestinal
GI	Glycemic index
GLP1	Glucagon-like peptide 1
HAA	Heterocyclic aromatic amine
HACCP	Hazard analysis and critical control point
HCl	Hydrochloric acid
Hcys	Homocysteine
HDL	High-density lipoprotein
HIV	Human immunodeficiency virus
HLA-DQ	Human leukocyte antigen, DQ subregion
HSD	Hydroxysteroid dehydrogenase
IDA	Iron deficiency anaemia
IgA	Immunoglobulin A
IgE	Immunoglobulin E
IGF	Insulin-like growth factor
IL-1	Interleukin 1
IUGR	Intrauterine growth retardation
kcal	Kilocalories
kJ	Kilojoule
LBW	Low birth weight
LCAT	Lecithin–cholesterol acyltransferase
LDL	Low-density lipoprotein

LPL	Lipoprotein lipase
MAC	Mid-arm circumference
MAMC	Mid-arm muscle circumference
MEC	Multi-ethnic cohort
MEOS	Microsomal ethanol-oxidising system
MJ	Megajoules
MRI	Magnetic resonance imaging
mRNA	Messenger ribonucleic acid
MTHFR	5,10-Methylenetetrahydrofolate reductase
MUFA	Monounsaturated fatty acid
NAD	Nicotinamide adenine dinucleotide
NAD ⁺	Nicotinamide adenine dinucleotide
NADP ⁺	Nicotinamide adenine dinucleotide phosphate
NADPH	Nicotinamide adenine dinucleotide phosphate
NEAT	Non-exercise activity thermogenesis
NEFA	Non-esterified fatty acids
NPU	Net protein utilisation
NPY	Neuropeptide Y
NR-NCD	Nutrition-related non-communicable disease
NSAID	Non-steroidal anti-inflammatory drugs
NSP	Non-starch polysaccharide
NTD	Neural tube defect
OCAP	Ownership, control, access and possession
PABA	Para-aminobenzoic acid
PAR	Physical activity ratios
PCB	Polychlorinated biphenyls
PCOS	Polycystic ovary syndrome
PCr	Phosphocreatine
PDCAAS	Protein digestibility-corrected amino acid score
pFAS	Partial fetal alcohol syndrome
PHO	Partially hydrogenated vegetable oil
PKU	Phenylketonuria
PLP	Pyridoxal phosphate
PRI	The European population reference intake
PUFA	Polyunsaturated fatty acid
PVD	Peripheral vascular disease
PYY	Peptide YY
RBCs	Red blood cells
RCT	Randomised controlled trial
RDA	Recommended dietary allowance

REC	Research ethics committee
RHS	First Nations Regional Longitudinal Health Survey
RMR	Resting metabolic rate
RNA	Ribonucleic acid
RNI	Reference nutrient intake
RQ	Respiratory quotient
SAM	S-Adenosylmethionine
SCFA	Short-chain fatty acids
SD	Standard deviation
SFA	Saturated fatty acid
SGA	Small for gestational age
SI	Small intestine
SNPs	Single-nucleotide polymorphisms
T3	Triiodothyronine
T4	Thyroxine
TAG	Triacylglycerols
TCA	Tricarboxylic acid
TDP	Thiamin diphosphate
TEE	Total energy expenditure
TEF	Thermic effect of food
TFA	Trans-fatty acids
THF	Tetrahydrofolate
TNF- α	Tumour necrosis factor alpha
TSH	Thyroid-stimulating hormone
UCP	Uncoupling proteins
UL	Tolerable upper intake level
UNICEF	United Nations Children's Fund
VLDL	Very low-density lipoprotein
WHO	World Health Organization
WHR	Waist-to-hip ratio