

DAFTAR SINGKATAN

μL	: microliter
4HHE	: 4-Hydroxy-2-Hexenal
4HNE	: 4-Hydroxy-2-Noneal
AIN-93	: American Institute of Nutrition-93
ANOVA	: Analysis of Variance
APC	: Antigen Presenting Cell
ASS	: Argininosuccinate Synthetase
BL	: Basal Lamina
BSA	: Bovine Serum Albumin
Ca	: Calcification core
CAPK	: Ceramide-Activated Protein Kinase
cc	: cholesterol crystal
CD40	: Cluster of Differentiation 40
cGMP	: cyclic Guanosine Monophosphate
CMC	: Carboxy Methyl Cellulose
CRP	: C-Reactive Protein
CVD	: Cardiovascular Disease
Dc	: Dendritic cell
DNA	: Deoxyribonucleic Acid
EC	: Endothelial Cell
ECM	: Extracellular Matrix
EDHF	: Endothelium-Derived Hyperpolarizing Factor
EGCG	: Epigallocatechin Gallate

ELISA	: <i>Enzyme Linked Immunosorbent Assay</i>
eNOS	: <i>endothelial Nitric Oxide Synthase</i>
FC	: <i>Foam Cell</i>
FFA	: <i>Free Fatty Acid</i>
FMIPA ITB	: Fakultas Matematika dan Ilmu Pengetahuan Alam Institut Teknologi Bandung
g	: gram
GM-CSF	: <i>Granulocyte Macrophage-Colony Stimulating Factor</i>
H ₂ O	: <i>Hydrogen Oxide</i>
H ₂ O ₂	: <i>Hydrogen Peroxide</i>
H ₂ SO ₄	: Sulfuric Acid
HDL	: <i>High Density Lipoprotein</i>
HE	: Hematoxylin Eosin
HMG-Coa	: <i>3-hydroxy-3-methyl-glutaryl-CoA</i>
HOCl	: <i>Hypochlorous Acid</i>
HRP	: <i>Horseradish Peroxidase</i>
ICAM-1	: <i>Intercellular Cell Adhesion Molecule-1</i>
IEL	: <i>Internal Elastic Lamina</i>
IFN	: <i>Interferon Gamma</i>
IFN-γ	: <i>Interferon Gamma</i>
IL-1	: <i>Interleukin-1</i>
IL-10	: <i>Interleukin-10</i>
IL-12	: <i>Interleukin-12</i>
IL-13	: <i>Interleukin-13</i>
IL-17	: <i>Interleukin-17</i>

IL-18	: <i>Interleukin-18</i>
IL-2	: <i>Interleukin-2</i>
IL-20	: <i>Interleukin-20</i>
IL-3	: <i>Interleukin-3</i>
IL-4	: <i>Interleukin-4</i>
IL-5	: <i>Interleukin-5</i>
IL-6	: <i>Interleukin-6</i>
IL-8	: <i>Interleukin-8</i>
iNOS	: <i>inducible Nitric Oxide Synthase</i>
kcal	: <i>kilocalorie</i>
kDa	: <i>kilo Dalton</i>
kg	: <i>kilogram</i>
kgBB	: <i>kilogram Berat Badan</i>
KM	: <i>Kilomikron</i>
L-	: <i>Carbon Centered Radical</i>
L	: <i>Liter</i>
LDL	: <i>Low Density Lipoprotein</i>
LH	: <i>Asam Lemak</i>
LOO-	: <i>Lipid Peroxyl Radical</i>
LOOH	: <i>Peroksidasi Lipid</i>
LPL	: <i>Lipoprotein Lipase</i>
LPS	: <i>Lipopolysaccharide</i>
LT- α	: <i>Lymphotoxin-α</i>
Mac	: <i>Macrophage</i>
MCP-1	: <i>Monocyte Chemotactic Protein-1</i>

M-CSF	: <i>Macrophage-Colony Stimulating Factor</i>
MDA	: <i>Malondialdehyde</i>
mg	: milligram
MHC	: <i>Major Histocompatibility Complex</i>
MIF	: <i>Macrophage Migration Inhibitory Factor</i>
ml	: mililiter
MLp	: <i>Modified Lipoprotein</i>
mm-LDL	: <i>minimally modified Low Density Lipoprotein</i>
MMP	: <i>Matrix Metalloproteinase</i>
MMP	: <i>Matrix Metalloproteinase</i>
Mon	: <i>Monocyte</i>
MPO	: <i>Myeloperoxidase-derived Oxidation</i>
mRNA	: <i>messenger Ribonucleic Acid</i>
NAC	: <i>N-Acetylcysteine</i>
NADPH	: <i>Nicotinamide Adenine Dinucleotide Phosphate</i>
NF- $\kappa\beta$: <i>Nuclear Factor-kappa β</i>
NKT	: <i>Natural Killer T-cell</i>
NO	: <i>Nitric Oxide</i>
NOS	: <i>Nitric Oxide Synthase</i>
O ₂ -	: Radikal Superoksida
OH-	: Radikal Hidroksil
ONOO-	: Radikal Peroxynitrite
ONOOH	: <i>Peroxynitrous Acid</i>
OR-O	: <i>Oil Red-O</i>
ox-LDL	: <i>oxidized-Low Density Lipoprotein</i>

p	: probability
PBS	: Phosphate Buffered Saline
PBS-T	: Phosphate Buffered Saline-Tween
PDGF	: Platelet-Derived Growth Factor
PDTC	: Pyrrolidine Dithiocarbamate
pg	: picogram
PJK	: Penyakit Jantung Koroner
PI	: Platelet
RCOO-	: Radikal Peroksil
RNS	: Reactive Nitrogen Species
ROS	: Reactive Oxygen Species
SD	: Standar Deviasi
sdm	: sendok makan
SMC	: Smooth Muscle Cell
SOD	: Superoxide Dismutase
SPSS	: Statistical Package for the Social Sciences
sTNFRs	: soluble Tumor Necrosis Factor Receptors
Susenas	: Survei Sosial Ekonomi Nasional
TF	: Tissue Factor
TG	: Triglyceride
TGF- β	: Transforming Growth Factor-Beta
TLy	: T-lymphocyte
TMB	: 3,3',5,5'-Tetramethylbenzidine
TNFR1	: Tumor Necrosis Factor Receptor 1
TNFR2	: Tumor Necrosis Factor Receptor 2

- TNF- α : *Tumor Necrosis Factor-Alpha*
TRAF-2 : *Tumor Necrosis Factor Alpha Receptor Associated Factor-2*
UGM : *Universitas Gajah Mada*
UV : *Ultraviolet*
VCAM-1 : *Vascular Cell Adhesion Molecule-1*
VLDL : *Very Low Density Lipoprotein*
VSMC : *Vascular Smooth Muscle Cell*
WHO : *World Health Organization*
XO : *Xanthine Oxidase*

