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DAFTAR SINGKATAN

ALT	: Alanin Transaminase
Ang-II	: Angiotensin-II
ANP	: Atrial Natriuretic Peptide
AST	: Aspartat Transaminase
ATSDR	: Agency for Toxic Substances Disease Registry
ALP	: Alkali Pospatase
AP-1	: Activator Protein-1
ArJM	: Arabica Jimma
ArNK	: Arabica Nekemit
ArSD	: Arabica Sidamo
α -SMA	: Alpha-Smooth Muscle Actin
Bax	: BCL2-associated X
Bcl-2	: B-cell lymphoma 2
Bcl-xl	: B-cell lymphoma-extra large
Bcl-xs	: B-cell lymphoma-
bFGF	: basic Fibroblast growth Factor
BioServ	: Biochemichal Serving
CCL3 [•]	: Trichlorometil Radical
CCL3O2 [•]	: Trichlorometil Peroksi Radical
CCL ₄	: <i>Carbon Tetrachloride</i>
cDNA	: complementary Deoxyribonuclease acid
CD14	: <i>Cluster Differentiation-40</i>
CD40L	: <i>Cluster Differentiation-40 Ligand</i>
CGA	: <i>Chlorogenic Acid</i>
COL1A1/2	: Collagen Type 1 Alpha 2
COX-2	: <i>Cyclooxygenase-2</i>
COS-2	: Costal-2
CQAs	: Caffeoilquinic Acids
CTGF/CCN2	: Connective Tissue Growth Factor/CCN family-2
CYP2E1	: Cythochrome P450 Family 2 Subfamily E Member 1
DAMPs	: Dammage Associated Molecular Pattens
DCFH-DA	: <i>Dichloro-dihydro-fluorescein diacetate</i>
DEPC	: Diethyl Pyrocarbonate
DNA	: <i>Deoxyribose Nucleid Acid</i>
diCQA	: diCaffeoilquinic Acids
DPV	: Differential Pulse Voltametry
ECM	: <i>Extracellular Matrix</i>
EGF	: Epidermal Growth Factor
EMT	: Epithelial-Mesenchymal Transition
EPA	: Environmental Protection Agency
ERK/MAP kinase	: Extracellular Signal Regulated Kinase/Mitogen-Activated Protein Kinase
FQAs	: Feruloilquinic Acids

Gamma-GT	: Gamma Glutamil Transferase
GAPDH	: Glyceraldehyde 3-phosphate dehydrogenase GRP78
H ₂ O	: Dihydrogen Monoxide
HGF	: Hepatocyte Growth Factor
HSC	: <i>Hepatic Stellate Cell</i>
HSPs	: Heat Shock Protein
HPLC	: High Performance Liquid Chromatography
ICAM-1	: Intracellular Adhesion Molecule 1
IFN- γ	: Interferon Gamma
IHC	: <i>Immunohistochemistry</i>
IkBa.	: Kappa Light Polypeptide B cells Inhibitor
IKK	: IkB Kinase
IKK- α , $-\beta$, $-\gamma$: IkB Kinase Subunit α , $-\beta$, $-\gamma$
IL-1/6/10	: Interleukin-1/6/10
iNOS	: Inducible nitric oxide synthase
IRAK	: Interleukin 1 Receptor Associated Kinase
IRFs	: Interferon Regulatory Factors
K1/2/3	: Control group 1/2/3
KC	: <i>Keratinocyte Chemoattractant</i>
KGF	: Keratinocyte Growth Factor
LDL	: Low Density Lipoprotein
Let-7i	: Lethal Weapon Against Angiotensin II
LPPT	: Laboratorium Penelitian dan Pengujian Terpadu
UGM	: Universitas Gadjah Mada
LPS	: Lipopolysaccharide
LSD	: Fisher's Least Significant Difference
MCP-1	: Monocyte Chemoattractant Protein-1
MDA	: Malondialdehyde
MD2	: Myeloid Differentiation Protein-2
mEq/L	: Miliequivalents Per Liter
MIF	: Macrophage Migration Inhibitory Factor
MIP-2	: Macrophage Inflammatory Protein-2
MMP1/2/8/9/13	: <i>Matrix Metalloproteinases 1/2/8/9/13</i>
mRNA	: mitochondria-Ribhonucleat Acid
MyD88	: Myeloid differentiation primary response gene 88
NAC	: N-Acetyl L-Cystein
NaCl	: Natrium Chloride
NADPH	: Nicotinamide Adenine Dinucleotidase Posphate
NaOH	: <i>Natrium Hydroxide</i>
NASH	: <i>Nonalcoholic steatohepatitis</i>
NF-kB	: <i>Nuclear Factor-Kappa B</i>
NK	: Natural Killer
NO	: Nitric Oxide
Nrf2	: Nuclear Factor Erythroid-derived 2
O ₂	: Oxygen
PAMPs	: Pathogen-Associated Molecular Patterns

PBS	: Posphate Buffer Saline
<i>PDGF</i>	: <i>Platelet-derived growth factor</i>
PDTC	: Pyrrolidine Dithiocarbamate
PMI	: Palang Merah Indonesia
p38	: Activated Protein kinase 38
P-450	: Protein-450 member of cytochrome
PDGF	: Platelet-Deriver Growth Factor
PI3 kinase	: Phosphoinositide 3-Kinase
RANTES	: Regulated on Activation Normal T Cell Expressed and Secreted
RE	: Reticulum Endoplasmic
RIP	: Receptor-Interacting Protein
RT-PCR	: Reverse Transcriptase-Polymerase Chain Reaction
RNA	: Ribose Nucleid Acid
ROS	: Reactive Oxygen Species
S1/2/3	: Treatment group 1/2/3
SEAR	: <i>South East Asian Region</i>
SMADs	: Signaling Mother against Decapentaplegic
STAT1	: Signal Transducers and Activators of Transcription Family 1
TBE	: Tris-Borate-EDTA (5X/10X)
TBK1/IKKi	: Tank Binding Kinase 1/ Inducible I kappa-B kinase
TCF	: Tissue Culture Flask
TGF- α/β	: Transforming Growth Factor- α/β
TIMP	: Tissue inhibitor of metalloproteinase
TIRAP/MAL	: Toll-interleukin 1 receptor (TIR) domain containing adaptor protein
TIR	: Toll-interleukin 1 receptor
TRAF	: TNF receptor associated factor :
TRIF	: Toll-interleukin-1 receptor domain-containing adapter protein inducinginterferon beta
TRAM	: Translocating chain-associated membrane
SARM	: Sterile Alpha Motif Domain-Containing Protein
TNF- α	: Tumor Necrosis Factor-alpha
TLR-4	: Toll-Like Receptor 4
TRADD	: Tumor Necrosis Factor Receptor Type 1 Associated Death Domain Protein
MMP	: Matrix Metalloproteinases
U/L	: Unit/Liter
UNSW	: University of New South Wales
USDA	: The United States Department of Agriculture
UV-Vis	: Ultraviolet-Visible Spectroscopy
VEGF	: Vascular Endothelial Growth Factor
VCAM-1	: Vascular cell Adhesion Molecule-1
WHO	: World Health Organization