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## DAFTAR SINGKATAN

AGEs	: <i>Advanced glycation end products</i>
ABP	: <i>Androgen binding protein</i>
ANOVA	: <i>Analysis of variance</i>
AP-1	: <i>Activator protein-1</i>
AR	: <i>Androgen receptor</i>
ATP	: <i>Adenosine triphosphate</i>
CARD	: <i>Caspase recruitment domain</i>
DBD	: <i>DNA binding domain</i>
DHT	: <i>Dihydrotestosterone</i>
DM	: <i>Diabetes mellitus</i>
DNA	: <i>Deoxyribonucleic acid</i>
EGF	: <i>Epidermal growth factor</i>
ERK	: <i>Extracellular signal-regulated kinase</i>
FGF	: <i>Fibroblast growth factor</i>
FSH	: <i>Follicle stimulating hormone</i>
GAPDH	: <i>Glyceraldehydes-3 phosphate dehydrogenase</i>
GLUT2	: <i>Glucose transporter</i>
G6PD	: <i>Glucose-6-phosphate-dehydrogenase</i>
GSH	: <i>Glutathione peroxidases</i>
H <sub>2</sub> O <sub>2</sub>	: <i>Hydrogen peroxide</i>
HPG	: <i>Hypothalamus pituitary gonadal</i>
HSP	: <i>Heat shock protein</i>
IGF-1	: <i>Insulin-like growth factor 1</i>
IL-1	: <i>Interleukin-1</i>
IL-6	: <i>Interleukin-6</i>
LDL	: <i>Low density lipoprotein</i>
LH	: <i>Luteinizing hormone</i>

LHRH	: <i>Luteinizing hormone releasing hormone</i>
μL	: <i>Microliter</i>
NADPH	: <i>Nicotinamid adenine dinucleotide phosphate</i>
NFκB	: <i>Nuclear factor-kappa B</i>
NGF-β	: <i>Nerve growth factor-β</i>
NO	: <i>Nitric oxide</i>
NTD	: <i>N-terminal domain</i>
O <sub>2</sub> <sup>-</sup>	: <i>Superoxide</i>
ONOO <sup>-</sup>	: <i>Peroxynitrite</i>
PARP	: <i>Poly (ADP-ribose) polymerase</i>
PDGF	: <i>Platelet-derived growth factor</i>
PI3K	: <i>Phosphatidyl inositol 3-kinase</i>
P38MAPK	: <i>Mitogen activated protein kinase p38</i>
PKB	: <i>Protein kinase B</i>
PKC	: <i>Protein Kinase C</i>
PRP	: <i>Platelet rich plasma</i>
PUFA	: <i>Polyunsaturated fatty acid</i>
RNS	: <i>Reactive nitrogen species</i>
ROS	: <i>Reactive oxygen species</i>
SHBG	: <i>Sex hormone binding globulin</i>
SODs	: <i>Superoxide dismutases</i>
StAR	: <i>Steroidogenic acute regulatory protein</i>
STZ	: <i>Streptozotocin</i>
TGF-β	: <i>Transforming growth factor-β</i>
TNF-	: <i>Tumor necrosis factor alpha</i>
VEGF	: <i>Vascular endothelial growth factor</i>

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