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## DAFTAR ARTI LAMBANG DAN SINGKATAN

AFMU	: <i>Aetylamino Formylamuno Methyluracil</i>
AGEs	: <i>Advanced Glycation-End products</i>
ALA	: <i>Alpha Lipoic Acid</i>
AOPP	: <i>Advanced Oxidation Protein Products</i>
APE	: <i>Apurinic Endonuclelease</i>
ATP	: <i>Adenosine Triposphate</i>
BMI	: <i>Body Mass Index</i>
D	: <i>Diabetes</i>
DA	: <i>Diabetes+ALA</i>
DAG	: <i>Diacyglycerol</i>
DK	: <i>Diabetes+Kafein</i>
DKA	: <i>Diabetes+Kafein+ALA</i>
DM	: <i>Diabetes Mellitus</i>
DNA	: <i>Dexyribunucleic acid</i>
DPPH	: <i>1,1-diphenyl-2-picrykhydrazyl</i>
ELISA	: <i>Enzyme-Linked Immunosorbent Assay</i>
FAD	: <i>Flavin Adenine Dinucleotide</i>
FFA	: <i>Free Fatty Acid</i>
GADPH	: <i>Glycolitic Gliseraldehid 3-Phospate Dehidrogenase</i>
GLUT-4	: <i>Glucose Transporter-4</i>
GPx	: <i>Glutathione Peroxidase</i>

GSH	: <i>Glutathione</i>
Fe <sup>2+</sup>	: <i>Zat Besi</i>
FMN	: <i>Flavin Mononucleotide</i>
H <sub>2</sub> O <sub>2</sub>	: <i>Hydrogen Peroxide</i>
HbA1c	: <i>Haemoglobin A1c</i>
ICAM	: <i>Intercellular Cell Adhesion Molecule</i>
IsoLGs	: <i>Isolevuglandins</i>
LDL	: <i>Low Density Lipoprotein</i>
MafA	: <i>Maf Family</i>
MDA	: <i>Malondialdehyde</i>
MDA-LDL	: <i>Malondialdehid Low Density Lipoprotein</i>
MG	: <i>Metilglyoxal</i>
Mg/dL	: <i>Miligram per Desi Liter</i>
MTX	: <i>Methotrexate</i>
NA	: <i>Nicotinamide</i>
NADH	: <i>Nicotinamide Adenine Dinucleotide Hydrogen</i>
NADPH	: <i>Nicotinamide Adenine Dinucleotide Phosphate Hydrogen</i>
NF-kB	: <i>Nuclear Factor Kappa B</i>
Ng/0,1 gr	: <i>Nanno gram per 0,1 gram</i>
O <sub>2</sub> <sup>-</sup>	: <i>Superoxide Anion</i>
O <sub>2</sub>	: <i>Oksigen Molekuler</i>
OH	: <i>Superoxide</i>
ONE	: <i>4-oxononenal</i>

PARP-1	: <i>Poly [ADP-ribose] polymerase 1</i>
PDX-1	: <i>Pancreatic and Duodenal Homeobox 1</i>
PKC	: <i>Protein Kinase C</i>
RAGE	: <i>Reseptor of Advanced Glycation End Product</i>
ROS	: <i>Reactive Oxygen Species</i>
rRNA	: <i>ribosomal Ribonucleotide Acid</i>
SD	: <i>Sprague Dawley</i>
SOD	: <i>Superoxide Dismutase Enzyme</i>
Sp	: <i>Specifity Protein</i>
SO <sub>2</sub> H	: <i>Sulfenic Acid</i>
SO <sub>3</sub> H	: <i>Sulfonat Acid</i>
SOCS	: <i>Suppressor of cytokine signaling</i>
SABC	: <i>HRP Streptavidin</i>
STZ	: <i>Streptozotocin</i>
TMB	: <i>Tetramethylbenzidine</i>
tRNA	: <i>transfer Ribonucleotide Acid</i>
TNF- $\alpha$	: <i>Tumor Necrosis Factor Alpha</i>
VCAM	: <i>Vascular Cell Adhesion Molecule</i>

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