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**DAFTAR SINGKATAN**

<i>ACTH</i>	: <i>Adrenocorticotrophic hormone</i>
<i>AMP</i>	: <i>Adenosine monophosphate</i>
<i>ADP</i>	: <i>Adenosine diphosphate</i>
<i>ATP</i>	: <i>Adenosine triphosphate</i>
<i>AGEPs</i>	: <i>Advanced glycation end products</i>
<i>APC</i>	: <i>Antigen presenting cell</i>
<i>API</i>	: <i>Activation protein 1</i>
<i>ANOVA</i>	: <i>Analysis of variance</i>
<i>ACU-TENS</i>	: <i>Transcutaneous electric nerve stimulation at acupoints</i>
<i>BSA</i>	: <i>Bovine Serum Albumin</i>
<i>CD</i>	: <i>Cluster of differentiation</i>
<i>cAMP</i>	: <i>cyclic Adenosine Mono Phosphate</i>
<i>CSF</i>	: <i>Colony stimulating factor</i>
<i>CRH</i>	: <i>Corticotrophin releasing hormone</i>
<i>CRP</i>	: <i>C reactive protein</i>
<i>CRAC</i>	: <i>Calcium release-activated calcium</i>
<i>CoA</i>	: <i>Coenzyme A</i>
<i>CI</i>	: <i>Confident Interval</i>
<i>CCK-8</i>	: <i>Cholecystokinin-8</i>
<i>DM</i>	: <i>Diabetes melitus</i>
<i>DAG</i>	: <i>Diacylglycerol</i>
<i>DAB</i>	: <i>Diaminobenzinidine</i>
<i>DHEA</i>	: <i>Dehydroepiandrosterone</i>
<i>EA</i>	: <i>Elektroakupunktur</i>
<i>EDTA</i>	: <i>Ethylen diamine tetra acetate</i>
<i>ECM</i>	: <i>Extracellular matrix</i>
<i>ELISA</i>	: <i>Enzyme-linked immunoabsorbent Assay</i>
<i>EAS</i>	: <i>Electroacupuncture stimulator</i>
<i>ERK</i>	: <i>Extracellular signal-related kinase</i>
<i>Fc</i>	: <i>Fragment, crystallizable</i>
<i>Fc r1</i>	: <i>Fragment, crystallizable gamma receptor 1</i>
<i>FOXO1</i>	: <i>Forkhead box protein O1</i>
<i>GCCR</i>	: <i>Glucagon receptor</i>
<i>GLUT</i>	: <i>Glucose transporter protein</i>
<i>GB34</i>	: <i>Titik akupunktur gall bladder 34</i>
<i>GM-CSF</i>	: <i>Granulocyte macrophage-colony stimulating factor</i>
<i>GABA</i>	: <i>Gamma amino butiric acid</i>
<i>GLP-1</i>	: <i>Glucagon like peptide-1</i>
<i>G6PD</i>	: <i>Glucose-6-phosphate dehydrogenase</i>
<i>HRP</i>	: <i>Horse radish peroxidase</i>
<i>Hz</i>	: <i>Hertz</i>
<i>H<sub>2</sub>O<sub>2</sub></i>	: <i>Hydrogen Peroxide</i>
<i>IAPP</i>	: <i>Islet amyloid polypeptide</i>
<i>IHC</i>	: <i>Immunohistochemistry</i>
<i>IDF</i>	: <i>International Diabetes Federation</i>
<i>IGF</i>	: <i>Insulin growth factor</i>

<i>IL</i>	: <i>Interleukin</i>
<i>IFN</i>	: <i>Interferon</i>
<i>I B</i>	: <i>Inhibitor of kappa B</i>
<i>IKK</i>	: <i>I B kinase</i>
<i>Ig</i>	: <i>Immunoglobulin</i>
<i>IP3</i>	: <i>Inositol 1,4,5 triphosphate</i>
<i>IRS</i>	: <i>Insulin receptor substrate</i>
<i>ITAM</i>	: <i>Immunoreceptor tyrosine-based activation motif</i>
<i>JAK</i>	: <i>Janus kinase</i>
<i>LSD</i>	: <i>Least Significant Differences</i>
<i>MAPK</i>	: <i>Mitogen-activated protein kinase</i>
<i>MHC</i>	: <i>Major histocompatibility complex</i>
<i>M-CSF</i>	: <i>Macrophage colony stimulating factor</i>
<i>MMP</i>	: <i>Matrix metalloprotein</i>
<i>mTOR</i>	: <i>mammalian Target of Rapamycin</i>
<i>mA</i>	: <i>miliAmperes</i>
<i>MyD88</i>	: <i>Myeloid differentiation primary response 88</i>
<i>NK</i>	: <i>Natural killer</i>
<i>NK1</i>	: <i>Neurokinin 1</i>
<i>NO</i>	: <i>Nitric oxide</i>
<i>NF B</i> <i>cell</i>	: <i>Nuclear factor kappa-light-chain-enhancer of activated B</i>
<i>NFAT</i>	: <i>Nuclear factor of activated T cells</i>
<i>NAD</i>	: <i>Nicotinamide adenine dinucleotide</i>
<i>NADH</i>	: <i>Nicotinamide adenine dinucleotide-HYDROGEN</i>
<i>NADPH</i>	: <i>Nicotinamide adenine dinucleotide phosphate</i>
<i>OD</i>	: <i>Optical density</i>
<i>PPAR</i>	: <i>Peroxisome proliferator-activated receptor</i>
<i>PG</i>	: <i>Prostaglandin</i>
<i>PRR</i>	: <i>Pattern recognition receptors</i>
<i>PAMPs</i>	: <i>Pathogen-associated molecular patterns</i>
<i>PBS</i>	: <i>Phosphate buffer saline</i>
<i>PDK1</i>	: <i>Phosphoinositide-dependent protein kinase 1</i>
<i>PFK</i>	: <i>Phosphofructokinase</i>
<i>PI-3</i>	: <i>Phosphatidyl inositol-3</i>
<i>PI3K</i>	: <i>Phosphoinositide 3 kinase</i>
<i>PIP2</i>	: <i>Phosphatidylinositol 4,5-biphosphate</i>
<i>PIP3</i>	: <i>Phosphatidylinositol 3,4,5-triphosphate</i>
<i>PLC 1</i>	: <i>Phospholipase C 1</i>
<i>PGE</i>	: <i>Prostaglandin</i>
<i>PBST</i>	: <i>Phosphate buffer saline 0,1% Tween 20</i>
<i>PETIA</i>	: <i>Particle enhanced turbidimetric immunoassay</i>
<i>ROS</i>	: <i>Reactive oxygen species</i>
<i>RAGE</i>	: <i>Receptor AGEs</i>
<i>SH</i>	: <i>Src homology 2</i>
<i>SHP2</i>	: <i>SH2 domain containing protein tyrosine phosphatase 2</i>
<i>ST 36</i>	: <i>Stomach 36</i>
<i>SP</i>	: <i>Substance P</i>



<i>STZ</i>	: <i>Streptozotocin</i>
<i>STIM1</i>	: <i>Stromal interaction molecule 1</i>
<i>STAT</i>	: <i>Signal transducer and activator of transcription</i>
<i>TAC1</i>	: <i>Tachykinine 1</i>
<i>Th</i>	: <i>T helper</i>
<i>TGF-</i>	: <i>Transforming growth factor beta</i>
<i>TNF</i>	: <i>Tumor necrosis factor</i>
<i>TRAF</i>	: <i>TNF receptor associated factors</i>
<i>V</i>	: <i>Volt</i>
<i>VPN</i>	: <i>Ventropostero lateralis nucleus</i>
<i>WHO</i>	: <i>World Health Organization</i>