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DAFTAR SINGKATAN

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| ADMA | : | <i>Assymmetric Dimetil-Arginin</i> |
| AKI | : | <i>Acute Kidney Injury</i> |
| BUN | : | <i>Blood Urea Nitrogen</i> |
| BH4 | : | <i>Tetrahidrobiopterin</i> |
| cDNA | : | <i>complementary-Deoxyribonucleic Acid</i> |
| DNA | : | <i>Deoxyribonucleic Acid</i> |
| EDA | : | <i>extra Domain-A</i> |
| ERK | : | <i>Extracellular signal-Regulated Kinase</i> |
| eNOS | : | <i>endothelial Nitric Oxide Synthase</i> |
| EMT | : | <i>Epithelial to Mesenchymal Transition</i> |
| EndMT | : | <i>Endothelial to Mesenchymal Transition</i> |
| ESRD | : | <i>End-Stage Renal Disease</i> |
| ET | : | <i>Endothelin</i> |
| ET-1 | : | <i>Endothelin-1</i> |
| ET-2 | : | <i>Endothelin-2</i> |
| ET-3 | : | <i>Endothelin-3</i> |
| ETAR | : | <i>Endothelin Type A Receptor</i> |
| ETBR | : | <i>Endothelin Type B receptor</i> |
| FAD | : | <i>Flavin Adenine Dinucleotide</i> |
| GAPDH | : | <i>Glyceraldehyde-3-Phosphate Dehydrogenase</i> |
| GFR | : | <i>Glomerular Filtration Rate</i> |
| GGA | : | Gagal Ginjal Akut |
| GGK | : | Gagal Ginjal Kronik |
| GPCR | : | <i>G-Protein-Coupled Receptor</i> |
| GRP | : | <i>Glucose Regulated Protein</i> |
| H ₂ O ₂ | : | Hidrogen Perioksida |
| HGF | : | <i>Hepatocyte Growth Factor</i> |
| Hmox-1 | : | <i>Heme Oxygenase-1</i> |
| iCAM | : | <i>intercellular Adhesion Molecule 1</i> |
| iNOS | : | <i>inducible Nitric Oxide Synthase</i> |
| JNK | : | <i>c-Jun N-terminal kinase</i> |
| LA | : | <i>Lumen Area</i> |
| LPC | : | <i>LysoPhosphatidylCholine</i> |
| mRNA | : | <i>messenger-Ribonucleic Acid</i> |
| NAPDH | : | <i>Nicotinamide Adenine Dinucleotide</i> |
| NF _κ B | : | <i>Nuclear Factor κB</i> |



| | | |
|----------------|---|--|
| NBF | : | <i>Normal Buffer Formalin</i> |
| MCP-1 | : | <i>Monocyte Chemoattractant Protein-1</i> |
| nNOS | : | <i>neuronal Nitric Oxide Synthase</i> |
| NO | : | <i>Nitric Oxide</i> |
| NOS | : | <i>Nitric Oxide Synthase</i> |
| O ₂ | : | <i>Anion Superoksida</i> |
| ONOO | : | <i>Peroksinitrit</i> |
| OH | : | <i>Hydroxyl Radical</i> |
| ppET-1 | : | <i>Pre-pro-Endothelin-1</i> |
| RAS | : | <i>Renin Angiotensin System</i> |
| RAAS | : | <i>Renin Angiotensin-Aldosteron System</i> |
| RBF | : | <i>Renal Blood Flow</i> |
| RNA | : | <i>Ribonucleic Acid</i> |
| ROS | : | <i>Reactive Oxygen Species</i> |
| RT-PCR | : | <i>Reverse Transcriptase-Polymerase Chain Reaction</i> |
| SO | : | <i>Sham Operation</i> |
| TGF-β | : | <i>Transforming Growth Factor</i> |
| TNFα | : | <i>Tumor Necrosis Factor alpha</i> |
| UUO | : | <i>Unilateral Ureteral Obstruction</i> |
| VCAM | : | <i>Vascular Cell Adhesion Protein-1</i> |
| VDR | : | <i>Vitamin D Receptor</i> |
| VEGF | : | <i>Vascular Endothelial Growth Factor</i> |
| VSMC | : | <i>Vascular Smooth Muscle Cell</i> |
| WA | : | <i>Wall Area</i> |
| WLAR | : | <i>Wall area/Lumen area Ratio</i> |
| α-SMA | : | <i>alpha Smooth Muscle Actin</i> |