# DAFTAR ISI

# DAFTAR GAMBAR

# DAFTAR LAMPIRAN

# DAFTAR SINGKATAN

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|---|---|
| α-SMA | = *α-smooth muscle actin* |
| AA | = *Asiatic Acid* |
| ALP | = *Alkaline Phosphatase* |
| ALT | = A*lanine Aminotransferase* |
| AST | = A*spartate Aminotransferase* |
| bHLH | = *basic Helix-Loop-Helix* |
| BUN | = *Blood Urea Nitrogen* |
| cDNA | = *complementary* DNA |
| CeA | = *Centella asiatica* |
| DEPC | = *Diethyl Pyrocarbonate* |
| DNA | = *Deoxyribonucleic Acid* |
| dNTP | = *Deoxynucleotide* |
| E- cadherin | = *Epithelial cadherin* |
| EMT | = *Epithelial to Mesenchymal Transition* |
| GAPDH | = *Glyceraldehyde 3-phosphate dehydrogenase* |
| GFA | = *Glial Fibrillary Acidic* |
| GFR | = *Glomerular Filtration Rate* |
| GGK | = Gagal Ginjal Kronis |
| H2O2 | = Hidrogen Peroksida |
| H&E | = *Hematoxylin and Eosin* |
| IRR | = *Indonesian Renal Registry* |
| JKN | = Jaminan Kesehatan Nasional |
| LPPT | = Laboratorium Penelitian dan Pengujian Terpadu |
| LRT | = Laboratorium Riset Terpadu |
| MET | = *Mesenchymal to Epithelial Transition* |
| MMP | = *Matrix Metalloproteinases* |
| N- cadherin | = *Neuro cadherin* |
| Non-PBI | = Non-Penerima Bantuan Iuran |
| PAS | = *Periodic Acid–Schiff* |
| PBI | = Penerima Bantuan Iuran |
| PERNEFRI | = Perhimpunan Nefrologi Indonesia |
| Riskesdas | = Riset Kesehatan Dasar |
| RNA | = *Ribonucleic Acid* |
| RPM | = *Revolutions per minute* |
| rUUO | = *Reversibel Unilateral Ureteral Obstruction* |
| SO | = *Sham Operation* |
| SR | = *Sirius Red* |
| TAE | = *Tris-acetate EDTA* |
| TBE | = *Tris-borate-EDTA* |
| TGF-β1 | = *Transforming Growth Factor-β1* |
| QPCR | = *Quantitative Polymerase Chain Reaction* |
| UUO | = *Unilateral Ureteral Obstruction* |
| ZO-1 | = *Zona Occludens 1* |