

DAFTAR PUSTAKA

- Bächle, H., Sekula, P., Schlosser, P., Steinbrenner, I., Cheng, Y., Kotsis, F., Meiselbach, H., Stockmann, H., Schönherr, S., Eckardt, K. U., Devuyst, O., Scherberich, J., Köttgen, A., Schultheiss, U. T., Eckardt, K. U., Meiselbach, H., Schneider, M. P., Schiffer, M., Prokosch, H. U., ... Nadal, J. (2023). Uromodulin and its association with urinary metabolites: the German Chronic Kidney Disease Study. *Nephrology Dialysis Transplantation*, 38(1), 70–79. <https://doi.org/10.1093/ndt/gfac187>
- Chen TK, Knicely DH, G. M. (2019). Chronic Kidney Disease Diagnosis and Management: A Review. *JAMA American Medical Association*. <https://doi.org/10.1001/jama.2019.14745>
- Dopierała, M., Nitz, N., Król, O., Wasicka-Przewoźna, K., Schwermer, K., & Pawlaczyk, K. (2025). New and Emerging Biomarkers in Chronic Kidney Disease. *Biomedicines*, 13(6). <https://doi.org/10.3390/biomedicines13061423>
- Elabscience ® Human THP (Tamm – Horsfall Glycoprotein) ELISA Kit. (n.d.). In *Elabscience user manual*.
- García, G. G., Iyengar, A., Kaze, F., Kierans, C., Padilla-Altamira, C., & Luyckx, V. A. (2022). Sex and gender differences in chronic kidney disease and access to care around the globe. *Seminars in Nephrology*, 42(2), 101–113. <https://doi.org/10.1016/j.semnephrol.2022.04.001>
- Hamzah. (2020). Laporan Riskesdas 2018 Nasional.pdf. In *Lembaga Penerbit Balitbangkes* (pp. 70–75). [https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/1/Laporan Riskesdas 2018 Nasional.pdf](https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/1/Laporan_Riskesdas_2018_Nasional.pdf)
- Hustrini, N. M. (2023). Chronic Kidney Disease Care In Indonesia. *Acra Med Indonesia - Indonesia Journal Intern Med*, 55(1), 1–3. <https://doi.org/10.1038/ki.2015.230.3>
- Kemenkes. (2023). Survei Kesehatan Indonesia 2023 (SKI). *Kemenkes*, 235.
- Kementerian Kesehatan. (n.d.). *Penyakit Ginjal Kronis PGK*. Penyakit Tidak Menular Indonesia. <https://p2ptm.kemkes.go.id/informasi-p2ptm/penyakit-ginjal-kronis-pgk#:~:text=Penyakit ginjal kronis adalah kelainan,secara perlahan dan sifatnya menahun>
- Kovesdy, C. P. (2022). Epidemiology of chronic kidney disease: an update 2022. *Kidney International Supplements*, 12(1), 7–11. <https://doi.org/10.1016/j.kisu.2021.11.003>
- Leiher, A. (2018). The value of uromodulin as a new serum marker to predict decline in renal function. *Journal of Hypertension*. <https://doi.org/10.1097/HJH.0000000000001527>
- Lv, L., Wang, J., Gao, B., Wu, L., Wang, F., Cui, Z., He, K., Zhang, L., Chen, M., & Zhao, M. H. (2018). Serum uromodulin and progression of kidney disease in

patients with chronic kidney disease. *Journal of Translational Medicine*, 16(1), 1–9. <https://doi.org/10.1186/s12967-018-1693-2>

- Makmun, A., Satirapoj, B., Tuyen, D. G., Foo, M. W. Y., Danguilan, R., Gulati, S., Kim, S., Bavanandan, S., Chiu, Y. W., & Tang, S. C. W. (2025). The burden of chronic kidney disease in Asia region: a review of the evidence, current challenges, and future directions. *Kidney Research and Clinical Practice*, 44(3), 411–433. <https://doi.org/10.23876/j.krcp.23.194>
- Matovinović, M. S. (2020). M. Sabljarić Matovinović Pathophysiology and classification of kidney disease 1. PATHOPHYSIOLOGY AND CLASSIFICATION OF KIDNEY DISEASES. *The Journal of the International Federation of Clinical Chemistry and Laboratory Medicine*, 20(1), 2–11. <http://www.ifcc.org>
- Murphy, D., Jha, V., & Banerjee, D. (2023). Diabetes and CKD. *Management of Kidney Diseases*, 105(4), 147–166. https://doi.org/10.1007/978-3-031-09131-5_10
- PERNEFRI. (2011). Konsensus Manajemen Anemia Pada Penyakit Ginjal Kronik. In *Journal of Chemical Information and Modeling* (Vol. 53, Issue 9).
- Pranav Garimella, R. K. (2017). Association of urinary uromodulin with kidney function decline and mortality: the health ABC study. *Clinical Nephrology*, volume 87. <https://doi.org/10.5414/CN109005>
- Risch, L., Lhotka, K., Meier, D., Medina-Escobar, P., Nydegger, U. E., & Risch, M. (2014). The serum uromodulin level is associated with kidney function. *Clinical Chemistry and Laboratory Medicine*, 52(12), 1755–1761. <https://doi.org/10.1515/cclm-2014-0505>
- Scherberich, J. E., Gruber, R., Nockher, W. A., Christensen, E. I., Schmitt, H., Herbst, V., Block, M., Kaden, J., & Schlumberger, W. (2018). Serum uromodulin—a marker of kidney function and renal parenchymal integrity. *Nephrology Dialysis Transplantation*, 33(2), 284–295. <https://doi.org/10.1093/ndt/gfw422>
- Sidhartha, E., & Ronald, T. (2024). Performance Evaluation of Semi-quantitative Urine Albumin Creatinine Ratio Using Meditape UC-11A Strip Test. *Indonesian Journal of Clinical Pathology and Medical Laboratory*, 30(3), 213–217. www.indonesianjournalofclinicalpathology.org
- Steubl, D., Block, M., Herbst, V., Andreas Nockher, W., Schlumberger, W., Kemmner, S., Bachmann, Q., Angermann, S., Wen, M., Heemann, U., Renders, L., Garimella, P. S., & Scherberich, J. (2019). Urinary uromodulin independently predicts endstage renal disease and rapid kidney function decline in a cohort of chronic kidney disease patients. *Medicine (United States)*, 98(21). <https://doi.org/10.1097/MD.00000000000015808>
- Suriyong, P., Ruengorn, C., Shayakul, C., Anantachoti, P., & Kanjanarat, P. (2022). Prevalence of chronic kidney disease stages 3–5 in low- and middle-income countries in Asia: A systematic review and meta-analysis. *PLoS ONE*, 17(2 February), 1–18. <https://doi.org/10.1371/journal.pone.0264393>

- Svensson, M. K., Bodegard, J., Thuresson, M., & Ambery, P. (2024). #2661 High albuminuria in CKD: prevalence and characteristics in a real-world clinical setting. *Nephrology Dialysis Transplantation*, 39(Supplement_1), 2661. <https://doi.org/10.1093/ndt/gfae069.578>
- Thielemans, R., Speeckaert, R., Delrue, C., De Bruyne, S., Oyaert, M., & Speeckaert, M. M. (2023). Unveiling the Hidden Power of Uromodulin: A Promising Potential Biomarker for Kidney Diseases. In *Diagnostics* (Vol. 13, Issue 19). <https://doi.org/10.3390/diagnostics13193077>
- Wilson, S., Mone, P., Jankauskas, S. S., Gambardella, J., & Santulli, G. (2021). Chronic kidney disease: Definition, updated epidemiology, staging, and mechanisms of increased cardiovascular risk. *Journal of Clinical Hypertension*, 23(4), 831–834. <https://doi.org/10.1111/jch.14186>
- Wozniak, J., Floege, J., Ostendorf, T. et al. (2021). Key metalloproteinase-mediated pathways in the kidney. *Nat Rev Nephrol*. Nature Reviews Nephrology. <https://www.nature.com/articles/s41581-021-00415-5#citeas>
- Yazdani, B., Delgado, G. E., Scharnagl, H., Krämer, B. K., Drexel, H., März, W., Scherberich, J. E., Leiherer, A., & Kleber, M. E. (2021). Combined Use of Serum Uromodulin and eGFR to Estimate Mortality Risk. *Frontiers in Medicine*, 8(September), 1–11. <https://doi.org/10.3389/fmed.2021.723546>
- Žeravica, R., Ilinčić, B., Burić, D., Jakovljević, A., Crnobrnja, V., Ilić, D., & Papuga, M. V. (2024). Relationship Between Serum Uromodulin as a Marker of Kidney Damage and Metabolic Status in Patients with Chronic Kidney Disease of Non-Diabetic Etiology. *International Journal of Molecular Sciences*, 25(20). <https://doi.org/10.3390/ijms252011159>