

## DAFTAR PUSTAKA

- Al-Wrafy, F., Brzozowska, E., Górska, S., Drab, M., Strus, M., & Gamian, A. (2019). Identification and characterization of phage protein and its activity against two strains of multidrug-resistant *Pseudomonas aeruginosa*. *Scientific Reports*, 9(1), 13487. <https://doi.org/10.1038/s41598-019-50030-5>
- Djasfar, Pratami Seftiawan, Pradika, Yuri. 2023. Identifikasi Bakteri Penyebab Infeksi Nosokomial (*Pseudomonas aeruginosa*) Pada Lantai Intensive Care Unit (ICU). *Jurnal Medical Laboratory*. 2(1). Eissn2809-826. <https://doi.org/10.57213/MEDLAB.V2I1.135>
- Baehaki Ace, Suhartono Maggy, Palupi Nurheni & Nurhayati Tati. 2008. Purifikasi dan Karakterisasi Bakteri Patogen *Pseudomonas aeruginosa*. *Jurnal Teknol dan Industri Pangan*. Vol xix no 1.
- Chevalier, F. (2010). Standard Dyes for Total Protein Staining in Gel-Based Proteomic Analysis. *Materials*, 3(10), 4784–4792. <https://doi.org/10.3390/ma3104784>
- Compton J Steve & Clive G Jones. 1985. *Mechanism of dye response and interference in the Bradford protein assay*. *Analytical Biochemistry*. 151 (2). 369-374. [https://doi.org/10.1016/0003-2697\(85\)90190-3](https://doi.org/10.1016/0003-2697(85)90190-3)
- Fauziyyah, Nur Afifah. 2022. Purifikasi dan Karakterisasi Enzim Mutan L-Arabinose Isomerase A467L Asal *Geobacillus stearothermophilus* Galur Lokal. Skripsi. Universitas Islam Negeri Syarif Hidayatullah Jakarta. <https://repository.uinjkt.ac.id/dspace/handle/123456789/67329>
- Fernandez Rebeca, Valverde Victor, Rodriguez Alis, Garcia Patricia, Moscono Miriam, Bou German. 2012. *Pseudomonas aeruginosa* Vaccine Development: Lessons, Challenges, and Future Innovations. *International Journal of Molecular Sains*. 26 (5). DOI: 10.3390/ijms26052012
- Georgiou, C. D., Grintzalis, K., Zervoudakis, G., & Papapostolou, I. (2008). Mechanism of Coomassie brilliant blue G-250 binding to proteins: a hydrophobic assay for nanogram quantities of proteins. *Analytical and Bioanalytical Chemistry*, 391(1), 391–403. <https://doi.org/10.1007/s00216-008-1996-x>
- Gunardi, Devita Wani. 2016. Mekanisme Biomolekuler *Pseudomonas aeruginosa* dalam Pembentukan Biofilm dan Sifat Resistensi terhadap Antibiotika. *Jurnal Kedokteran Meditek*. 22 (59). e-ISSN 2686 – 0201. <https://doi.org/10.36452/jkdoktmeditek.v22i59.1272>
- Jiang, Y., Zheng, L., Lin, L., Lin, S., Xu, K., Deng, S., & Zhang, Q. (2022). Modification in Silver Staining Procedure for Enhanced Protein Staining. *BioMed Research International*, 2022(1). <https://doi.org/10.1155/2022/6243971>

- Jurado Martin, Mejiaz Sains McClean, S. 2021. *Pseudomonas aeruginosa: An Audacious Pathogen with an Adaptable Arsenal of Virulence Factors*. Int. J. Mol. Sci. 2021,22, 3128. doi: [10.3390/ijms22063128](https://doi.org/10.3390/ijms22063128)
- Kumar, G. (2018). *Principle and Method of Silver Staining of Proteins Separated by Sodium Dodecyl Sulfate–Polyacrylamide Gel Electrophoresis* (pp. 231–236). [https://doi.org/10.1007/978-1-4939-8745-0\\_26](https://doi.org/10.1007/978-1-4939-8745-0_26)
- Machsun, R Idea & Zulaika Enny. 2017. Profil Protein Bakteri Ureolitik. Jurnal Sains dan Seni ITS. 6 (2). 2337-3520. [10.12962/j23373520.v6i2.25813](https://doi.org/10.12962/j23373520.v6i2.25813)
- Mahasri Gunanti, Fajriah Ulia & Subekti Sri. 2010. Karakterisasi Protein *Lernaea cyprinacea* Dengan Metode Elektroforesis SDS-PAGE. Jurnal Ilmiah Perikanan dan Kelautan. 2(1). DOI:[10.20473/jipk.v2i1.11669](https://doi.org/10.20473/jipk.v2i1.11669)
- Nakagawa Masataka, Tomioka Yui dkk. 2021. Optimization and application of silver staining of non-glycosylated and glycosylated proteins and nucleic acids for agarose native gel electrophoresis. International Journal of Biological Macromoleculs. Vol 189 Hal 869 -878. <https://doi.org/10.1016/j.ijbiomac.2021.08.142>
- Nur Hidayati, D. Y. (2009). Pengaruh Induksi Bakteri *Pseudomonas aeruginosa* Terhadap Human Umbilical Vein Endothelial Cells (HUVECS) Culture &lt;I&gt;[ The Influence Of *Pseudomonas aeruginosa* Induction To The Human Umbilical Vein Endothelial Cells (HUVECS) Culture ]&lt;I&gt;. *Jurnal Ilmiah Perikanan Dan Kelautan*, 1(1), 1–6. <https://doi.org/10.20473/jipk.v1i1.11691>
- Nurrez, Aidah Farah. 2016. Profil Protein Bakteri *Pseudomonas aeruginosa* Dengan Metode Sodium Dodecyl Sulphate Polyacrylamide Gel Electrophoresis (SDS-PAGE). Thesis of Universitas Airlangga. <http://repository.unair.ac.id/id/eprint/62053>
- Park, W. S. et al. (2022). Benzyl isothiocyanate attenuates inflammasome activation in *Pseudomonas aeruginosa* LPS-stimulated THP-1 cells and exerts regulation through the MAPKs/NF-kappaB pathway. Int. J. Mol. Sci. 23, 1–10. DOI: [10.3390/ijms23031228](https://doi.org/10.3390/ijms23031228)
- Roy, Suvra, Kumar Vikash. 2012. A Practical Approach on SDS PAGE for Separation of Protein. International Journal of Science and Research (IJSR). 3 (358). 2319-7064
- Rachmania. 2017. Profil Berat Molekul Enzim Protease Buah Nanas (*Ananas Comosus L.Merr*) Dan Pepaya (*Carica Papaya L.*) Menggunakan Metode SDS-PAGE. Jurnal Penelitian Kimia, 13 (1). 52-65. DOI: <https://doi.org/10.20961/alchemy.13.1.2540.52-65>
- Rahmawati, L. I., Basith, A., & Lestari, F. (2023). Genetic Profile of Local Buffalo (*Bubalus bubalis*) Populations in Pacitan and Tuban, East Java, Indonesia Measured by the Molecular Marker of INRA032 Locus. *Jurnal Riset Biologi Dan Aplikasinya*, 5(1), 37–42. <https://doi.org/10.26740/jrba.v5n1.p37-42>

- Reynolf, Dan, Kollef, Marrin. 2021. The Epidemiology and Pathogenesis and Treatment of *Pseudomonas aeruginosa* Infections: An Update. National Library of Medicine. 81(18):2117–2131. doi: [10.1007/s40265-021-01635-6](https://doi.org/10.1007/s40265-021-01635-6)
- Sabnis, A. et al. Colistin kills bacteria by targeting lipopolysaccharide in the cytoplasmic membrane. *Elife*. 10, 1–26 (2021). DOI: [10.7554/eLife.65836](https://doi.org/10.7554/eLife.65836)
- Suarmayasa Nengah I. 2023. Pola Kuman Pada Manset Sphygmomanometer Studi Deskriptif di RSD Manungsada. *Jurnal Riset Kesehatan Nasional*. 7(2). 2580-6713
- Soekiman, S. 2016. Infeksi Nosokomial Di Rumah Sakit-Hospital Nosocomial Infections. Pertama. Edited by Mariyam. Surabaya: CV.Sagung Seto.
- Stanislavsky, Eugene & Lam, S Joseph. 1997. *Pseudomonas aeruginosa* antigens as potential vaccines. *FEMS Microbiology reviews*. 21(3). 243-277. <https://doi.org/10.1111/j.1574-6976.1997.tb00353.x>
- Paulsson Magnus, Kragh Noskov Kasper, Su Ching Yu, dkk. 2021. Peptidoglycan-Binding Anchor Is a *Pseudomonas aeruginosa* OmpA Family Lipoprotein With Importance for Outer Membrane Vesicles, Biofilms, and the Periplasmic Shape. *Frontiers In Microbiology*. 12:639582. <https://doi.org/10.3389/fmicb.2021.639582>
- Putri, Isfa'ah Anindyta. 2023. Perbandingan Visualisasi Antigen Outer Membrane Protein (OMP) *Salmonella typhi* Dengan Pewarnaan Coomassie Brilliant Blue dan Dengan Silver Staining. Skripsi. Politeknik Kesehatan Kemenkes Surabaya.
- Wahyudi Didik, Soetarto Sutariningsih Endang. 2021. Formation of *Pseudomonas aeruginosa* Biofilm on Some Liquid Media. *Journal of Pharmacy*. 10(2). e-ISSN : 2656-8950
- Saputra, Rahman Fahrur. 2014. Aplikasi Metode SDS-PAGE (Sodium Dodecyl Sulphate Polyacrylamide Gel Electrophoresis) Untuk Mengidentifikasi Sumber Gelatin Pada Kapsul Keras. Skripsi Fakultas Kedokteran dan Ilmu Kesehatan UIN Syarif Hidayatullah Jakarta. Diakses pada tanggal 11 desember 2024.
- Scania Evi Alifah, Ningsih Ika. 2023. *Pseudomonas Aeruginosa* Permasalahan, Resistensi Antibiotik dan Pemeriksaan Mikrobiologi. *Protista Patologi*. 8(3).
- Wei Qing, Ma LZ. Biofilm matrix and its regulation in *Pseudomonas aeruginosa*. *International journal of molecular sciences*. 2013;14(10):20983-1005.
- Whitney JC, Colvin KM, Marmont LS, Robinson H, Parsek MR, Howell PL. Structure of the cytoplasmic region of PelD, a degenerate diguanylate cyclase receptor that regulates exopolysaccharide production in *Pseudomonas aeruginosa*. *The Journal of biological chemistry*. 2012;287(28):23582-93

Zakhour Johnny, Sharara L Sima, Hindy Rita, Haddad Sara. 2022. Antimicrobial Treatment of Pseudomonas aeruginosa Severe Sepsis. Jurnal by ResearchGate. 11(10) 1432. DOI:[10.3390/antibiotics11101432](https://doi.org/10.3390/antibiotics11101432).