

DAFTAR PUSTAKA

- Abhari, S. S., Azizi, O., Modiri, L., Aslani, M. M., Assmar, M., Fereshteh, S., & Badmasti, F. (2021). 'Two new rapid PCR-based methods for identification of *Acinetobacter baumannii* isolated from clinical samples'. *Mol Cell Probes*, 58. <https://doi.org/10.1016/j.mcp.2021.101732>
- Al-Omari, B., McMeekin, P., Allen, A. J., Akram, A. R., Graziadio, S., Suklan, J., Jones, W. S., *et al* (2021). 'Systematic review of studies investigating ventilator associated pneumonia diagnostics in intensive care'. *BMC Pulm Med*, 21(1). <https://doi.org/10.1186/s12890-021-01560-0>
- Alzaref, Mhd., Linosefa, L., & Aliska, G. (2021). 'Prevalensi Gen OXA-23 pada Isolat Klinis Bakter *Acinetobacter baumannii* di RSUP Dr. M. Djamil Padang'. *Jurnal Ilmu Kesehatan Indonesia*, 1(3), 403–411. <https://doi.org/10.25077/jikesi.v1i3.113>
- Artika, I. M., Dewi, Y. P., Nainggolan, I. M., Siregar, J. E., & Antonjaya, U. (2022). 'Real-Time Polymerase Chain Reaction: Current Techniques, Applications, and Role in COVID-19 Diagnosis. In *Genes* (Vol. 13, Number 12)'. MDPI. <https://doi.org/10.3390/genes13122387>
- Bălan, A. M., Bodolea, C., Trancă, S. D., & Hagău, N. (2023). 'Trends in Molecular Diagnosis of Nosocomial Pneumonia Classic PCR vs. Point-of-Care PCR: A Narrative Review. In *Healthcare (Switzerland)* (Vol. 11, Number 9)'. MDPI. <https://doi.org/10.3390/healthcare11091345>
- Benjamin, A., Phommason, K., White, N. J., & Ashley, E. A. (2026). 'Bacterial quantitation in clinical infection: a systematic review'. In *Philosophical transactions of the Royal Society of London. Series B, Biological sciences* (Vol. 381, Number 1949). <https://doi.org/10.1098/rstb.2024.0346>
- Benoit, T., Cloutier, M., Schop, R., Lowerison, M. W., & Khan, I. U. H. (2020). 'Comparative assessment of growth media and incubation conditions for enhanced recovery and isolation of *Acinetobacter baumannii* from aquatic matrices'. *Journal of Microbiological Methods*, 176. <https://doi.org/10.1016/j.mimet.2020.106023>
- Bustin, S. A., Ruijter, J. M., Van den Hoff, M. J. B., Kubista, M., Pfaffl, M. W., Shipley, G. L., Tran, N., Rödiger, S., *et al* (2025). 'MIQE 2.0: Revision of the Minimum Information for Publication of Quantitative Real-Time PCR Experiments Guidelines'. In *Clin Chem* (Vol. 71, Number 6, pp. 634–651). Oxford University Press. <https://doi.org/10.1093/clinchem/hvaf043>

- Chen, Z., Halford, N. G., & Liu, C. (2023). 'Real-Time Quantitative PCR: Primer Design, Reference Gene Selection, Calculations and Statistics'. *Metabolites*, 13(7). <https://doi.org/10.3390/metabo13070806>
- CLSI. (2023). *Performance Standards for Antimicrobial Susceptibility Testing*.
- Dung, T. T. N., Phat, V. V., Vinh, C., Lan, N. P. H., Phuong, N. L. N., Ngan, L. T. Q., Thwaites, G., *et al* (2024). 'Development and validation of multiplex *Real-Time* PCR for simultaneous detection of six bacterial pathogens causing lower respiratory tract infections and antimicrobial resistance genes'. *BMC Infectious Dis*, 24(1). <https://doi.org/10.1186/s12879-024-09028-2>
- Falah, F., Shokoohizadeh, L., & Adabi, M. (2019). 'Molecular identification and genotyping of *Acinetobacter baumannii* isolated from burn patients by PCR and ERIC-PCR'. *Scars Burn Heal*, 5. <https://doi.org/10.1177/2059513119831369>
- Gadkar, V. J., & Filion, M. (2014). 'New developments in quantitative *Real-Time* polymerase chain reaction technology' *Curr Issues Mol Biol*, 16(1), 1–6. <https://doi.org/10.21775/cimb.016.001>
- GBD. (2023). *Global Burden of Disease (GBD) Result*. <https://vizhub.healthdata.org/gbd-results/>
- Gedefie, A., Demsis, W., Ashagrie, M., Kassa, Y., Tesfaye, M., Tilahun, M., Bisetegn, H., & Sahle, Z. (2021). '*Acinetobacter baumannii* biofilm formation and its role in disease pathogenesis: A review'. *Infect Drug Resist*, 14, 3711–3719. <https://doi.org/10.2147/IDR.S332051>
- Giselle Moreira, M., Guimarães Oliveira, A. G., Ul Haq, I., Pinheiro de Oliveira, T. F., Alonazi, W. B., Fonseca Júnior, A. A., Nobre Junior, V. A., & Santos, S. G. dos. (2024). 'Droplet Digital PCR for *Acinetobacter baumannii* Diagnosis in Bronchoalveolar Lavage Samples from Patients with Ventilator-Associated Pneumonia'. *Antibiotics*, 13(9). <https://doi.org/10.3390/antibiotics13090878>
- Harding, C. M., Hennon, S. W., & Feldman, M. F. (2018). 'Uncovering the mechanisms of *Acinetobacter baumannii* virulence'. In *Nature Reviews Microbiology* (Vol. 16, Number 2, pp. 91–102). Nature Publishing Group. <https://doi.org/10.1038/nrmicro.2017.148>
- Kementerian Kesehatan Republik Indonesia. (2024). *Profil Kesehatan Indonesia 2024*.
- Khalil, M. A. F., Ahmed, F. A., Elkhateeb, A. F., Mahmoud, E. E., Ahmed, M. I., Ahmed, R. I., *et al*. (2021). 'Virulence characteristics of biofilm-forming

Acinetobacter baumannii in clinical isolates using a galleria mellonella model'. *Microorganisms*, 9(11).
<https://doi.org/10.3390/microorganisms9112365>

Kubista, M., Andrade, J. M., Bengtsson, M., Forootan, A., Jonák, J., Lind, K., Sindelka, R., *et al* (2006). 'The *Real-Time* polymerase chain reaction'. In *Mol Aspects Med* (Vol. 27, Numbers 2–3, pp. 95–125).
<https://doi.org/10.1016/j.mam.2005.12.007>

Kubista, M., Forootan, A., Pfaffl, M. W., Bustin, S. A., Andrade, J. M., Sjöback, R., Sjögreen, B., & Ståhlberg, A. (2026). 'Understanding the qPCR Standard Curve: From Assay Validation to Absolute Quantification and Variance PCR'. In *Int J Mol Sci*, (Vol. 27, Number 6). MDPI.
<https://doi.org/10.3390/ijms27062904>

Life technologies. (2012). *Real-Time PCR handbook* 70.

Luo, J., Liu, M., Wang, P., Li, Q., Luo, C., Wei, H., Hu, Y., & Yu, J. (2022). 'Evaluation of a direct phage DNA detection-based Taqman qPCR methodology for quantification of phage and its application in rapid ultrasensitive identification of *Acinetobacter baumannii*'. *BMC BMC Infect Dis*, 22(1). <https://doi.org/10.1186/s12879-022-07493-1>

Mbaga, D. S., Kenmoe, S., Esemu, S. N., Bowo-Ngandji, A., Keneh, N. K., Tatah Kihla Akoachere, J.-F., *et al*. (2024). 'Epidemiology of carbapenem-resistant *Acinetobacter baumannii* colonization in neonatal intensive care units: A systematic review and meta-analysis'. *World J Meta-Anal*, 12(1).
<https://doi.org/10.13105/wjma.v12.i1.90229>

Mencacci, A., Monari, C., Leli, C., Merlini, L., De Carolis, E., Vella, A., Cacioni, M., *et al* (2013). 'Typing of nosocomial outbreaks of *Acinetobacter baumannii* by use of matrix-assisted laser desorption ionization-time of flight mass spectrometry'. *J Clin Microbiol*, 51(2), 603–606.
<https://doi.org/10.1128/JCM.01811-12>

Murray, C. J., Ikuta, K. S., Sharara, F., Swetschinski, L., Robles Aguilar, G., Gray, A., Han, C., *et al* (2022). Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. *The Lancet*, 399(10325), 629–655.
[https://doi.org/10.1016/S0140-6736\(21\)02724-0](https://doi.org/10.1016/S0140-6736(21)02724-0)

Nomanpour B, Ghodousi A, Babaei A, Hr, A., & Mm, F. (n.d.). 'Rapid, cost-effective, sensitive and quantitative detection of *Acinetobacter baumannii* from pneumonia patients'. Retrieved <http://www>.

- Nonyelum Stanley, C., Marian Awanye, A., & Chinelo Ogbonnaya, U. (2023). 'Acinetobacter baumannii: Epidemiology, Clinical Manifestations and Associated Infections. In *Acinetobacter baumannii - The Rise of a Resistant Pathogen*'. IntechOpen. <https://doi.org/10.5772/intechopen.1003618>
- Nour, A. M. A., & Pfaffl, M. W. (2020). 'MIQE & qPCR How to apply the MIQE Guidelines- a Visual, interactive and practical qPCR guide'.
- Opota, O., Croxatto, A., Prod'hom, G., & Greub, G. (2015). 'Blood culture-based diagnosis of bacteraemia: State of the art'. *Clin Microbiol Infect* (Vol. 21, Number 4, pp. 313–322). Elsevier B.V. <https://doi.org/10.1016/j.cmi.2015.01.003>
- Pintea-Simon, I. A., Bancu, L., Mare, A. D., Ciurea, C. N., Toma, F., & Man, A. (2024). 'Rapid Molecular Diagnostics of Pneumonia Caused by Gram-Negative Bacteria: A Clinician's Review'. In *Antibiotics* (Vol. 13, Number 9). <https://doi.org/10.3390/antibiotics13090805>
- Primasari, F. S., Puspitasari, I., & Nuryastuti, T. (2022). Prevalensi Bakteri Resistensi Karbapenem di RSUP Dr. Sardjito Periode Januari-Agustus 2020. *Majalah Farmaseutik*, 18(3), 265. <https://doi.org/10.22146/farmaseutik.v18i3.65823>
- Putra, L. L. C., Saptawati, L., Setijanto, E., Maryani, M., & Maarif, A. S. (2025). 'Factors Associated with Outcomes of *Acinetobacter baumannii* Infection in Ventilator-Associated Pneumonia in the ICU of Dr. Moewardi General Hospital, Surakarta'. *Jurnal Respirasi*, 11(3), 201–207. <https://doi.org/10.20473/jr.v11-i.3.2025.201-207>
- Ramirez, M. S., Penwell, W. F., Traglia, G. M., Zimbler, D. L., Gaddy, J. A., Nikolaidis, N., Arivett, B. A., *et al* (2019). 'Identification of Potential Virulence Factors in the Model Strain *Acinetobacter baumannii* A118'. *Front Microbiol*, 10. <https://doi.org/10.3389/fmicb.2019.01599>
- Sharma, R., & Lakhanpal, D. (2025). 'Acinetobacter baumannii: A comprehensive review of global epidemiology, clinical implications, host interactions, mechanisms of antimicrobial resistance and mitigation strategies'. In *Microbial Pathogenesis* (Vol. 204). Academic Press. <https://doi.org/10.1016/j.micpath.2025.107605>
- Whiteway, C., Breine, A., Philippe, C., & Van der Henst, C. (2022). *Acinetobacter baumannii*. In *Trends in Microbiology* (Vol. 30, Number 2, pp. 199–200). Elsevier Ltd. <https://doi.org/10.1016/j.tim.2021.11.008>