

DAFTAR PUSTAKA

- Abbas, S., Rasyid, S. A. and Lio, T. M. P. (2021), 'Deteksi Gen Il-6 Dan Tnf-A Dengan Metode Pcr Pada Penderita Hepatitis B Di Laboratorium Klinik Maxima Kota Kendari', *Bioma : Jurnal Biologi Makassar*, 7(1), pp. 21–28. doi: 10.20956/bioma.v7i1.18627.
- Abu, N., Mohd Bakhori, N. and Shueb, R. H. (2023), 'Lateral Flow Assay for Hepatitis B Detection: A Review of Current and New Assays', *Micromachines*, 14(6), pp. 1–29. doi: 10.3390/mi14061239.
- Anissa, R. K., Lisdiana, L. and Widyayanti, A. T. (2023), 'Optimasi Metode Nested PCR untuk Deteksi *Vibrio parahaemolyticus* AHPND pada Udang Vaname (*Litopenaeus vannamei*)', *LenteraBio : Berkala Ilmiah Biologi*, 13(1), pp. 1–13. doi: 10.26740/lenterabio.v13n1.p1-13.
- Blanchard, S., Cariou, C., Bouvet, J., Valfort, W., Oberli, F., Villard, S., *et al.* (2021), 'Quantitative Real-Time PCR Assays for the Detection of Pathogenic *Leptospira* Species in Urine and Blood Samples in Canine Vaccine Clinical Studies : a Rapid Alternative to Classical', 59(7), pp. 1–9.
- Busca, A. and Kumar, A. (2014), 'Innate immune responses in hepatitis B virus (HBV) infection', *Virology Journal*, 11(1), pp. 1–8. doi: 10.1186/1743-422X-11-22.
- Cadet, M. J. (2018), 'Screening for Hepatitis B: Serology Markers Interpretation', *Workplace Health and Safety*, 66(10), p. 512. doi: 10.1177/2165079918794707.
- Drago, L., Lombardi, A., Vecchi, E. D., Giuliani, G., Bartolone, R., Gismondo, M. R. (2004), 'Comparison of nested PCR and real time PCR of Herpesvirus infections of central nervous system in HIV patients', *BMC Infectious Diseases*, 4, pp. 1–5. doi: 10.1186/1471-2334-4-55.
- Feng, Y., Wang, M., Jiang, H., Shi, Y., Zhang, W., Wang, H. (2023), 'Comparative Evaluation of LAMP and Nested PCR for the Rapid Diagnosis of *Mycobacterium marinum* Infection', *Infection and Drug Resistance*, 16(March), pp. 1601–1609. doi: 10.2147/IDR.S404929.

Flores, J. E., Thompson, A. J, Ryan, M., Howell, J. (2022), 'The Global Impact of Hepatitis B Vaccination on Hepatocellular Carcinoma', *Vaccines*, 10(5). doi: 10.3390/vaccines10050793.

Geneaid Biotech Ltd (2023), 'gSYNC TM DNA Extraction Kit Quick Protocol', pp. 1–20. Available at: <https://www.geneaid.com/data/files/1694745461945057046.pdf>.

Ghosh, M., Nandi, S., Dutta, S., Saha, M. K. (2015) 'Detection of hepatitis B virus infection: A systematic review', *World Journal of Hepatology*, 7(23), pp. 2482–2491. doi: 10.4254/wjh.v7.i23.2482.

Hasan, D. and Agustina, A. (2023), 'Sirosis Hepatis', *Jurnal Ventilator*, 1(4), pp. 245–261. doi: 10.59680/ventilator.v1i4.718.

İnan, N., Demirel, A., Unsur, E. K., Gormus, U., Sonmez, E., Tabak, F., *et al.* (2014), 'Comparison of Chemiluminescence Microparticle Immunoassay and Electrochemiluminescence Immunoassay for Detection of HBsAg', *Viral Hepatitis Journal*, 20(3), pp. 101–105. doi: 10.4274/vhd.08760.

Ishchenko, L. M., Nedosekov, V., Ishchenko, V., Kepple, O. (2021), 'Improving of the nested pcr for detection of bovine leukemia virus', *Mikrobiologichnyi Zhurnal*, 83(3), pp. 56–65. doi: 10.15407/microbiolj83.03.056.

Ismail, A. M., Puhazhenth, K. S., Sivakumar, J., Eapen, C., Kannangai, R., Abraham, P. (2014), 'Molecular epidemiology and genetic characterization of hepatitis B virus in the Indian subcontinent', *International Journal of Infectious Diseases*. International Society for Infectious Diseases, 20(1), pp. 1–10. doi: 10.1016/j.ijid.2013.12.007.

Jalal, S., Hwang, S. Y., Kim, C. M., Kim, D. M., Yun, N. R., Seo, J. W., *et al.* (2021), 'Comparison of RT-PCR, RT-nested PCRs, and real-time PCR for diagnosis of severe fever with thrombocytopenia syndrome: a prospective study', *Scientific Reports*. Nature Publishing Group UK, 11(1), pp. 1–8. doi: 10.1038/s41598-021-96066-4.

Jiang, H., Shi, Y., Chokkakula, S., Zhang, W., Long, S., Wang, Z., *et al.* (2022), 'Utility of Multi-target Nested PCR and ELISPOT Assays for the Detection of Paucibacillary Leprosy: A Possible Conclusion of Clinical Laboratory

Misdiagnosis', *Frontiers in Cellular and Infection Microbiology*, 12(April). doi: 10.3389/fcimb.2022.814413.

Karayiannis, P. (2017) 'Hepatitis B virus: virology, molecular biology, life cycle and intrahepatic spread', *Hepatology International*, 11(6), pp. 500–508. doi: 10.1007/s12072-017-9829-7.

Kawada, J. I., Kimura, H., Ito, Y., Hoshino, Y., Kitajima, N. T., Ando, Y., *et al.* (2004), 'Comparison of real-time and nested PCR assays for detection of herpes simplex virus DNA', *Microbiology and Immunology*, 48(5), pp. 411–415. doi: 10.1111/j.1348-0421.2004.tb03530.x.

Kim, S. H. (2017), 'ELISA for quantitative determination of hepatitis b virus surface antigen', *Immune Network*, 17(6), pp. 451–459. doi: 10.4110/in.2017.17.6.451.

Kohmoto, M., Enomoto, M., Tamori, A., Habu, D., Takeda, T., Kawada, N., *et al.* (2005), 'Quantitative detection of hepatitis B surface antigen by chemiluminescent microparticle immunoassay during lamivudine treatment of chronic hepatitis B virus carriers', *Journal of Medical Virology*, 75(2), pp. 235–239. doi: 10.1002/jmv.20262.

Landis, J. R. and Koch, G. G. (2013), 'The Measurement of Observer Agreement for Categorical Data Data for Categorical of Observer Agreement The Measurement', 33(1), pp. 159–174.

Lau, Y. L., Anthony, C., Fakhrurrazi, S. A., Ibrahim, J., Ithoi, I., Mahmud, R. (2013), 'Real-time PCR assay in differentiating *Entamoeba histolytica*, *Entamoeba dispar*, and *Entamoeba moshkovskii* infections in Orang Asli settlements in Malaysia', *Parasites and Vectors*. *Parasites & Vectors*, 6(1), p. 1. doi: 10.1186/1756-3305-6-250.

Liu, Y. P. and Yao, C. Y. (2015), 'Rapid and quantitative detection of hepatitis B virus', *World Journal of Gastroenterology*, 21(42), pp. 11954–11963. doi: 10.3748/wjg.v21.i42.11954.

Lwanga, S. K., Lemeshow, S. (1991), 'Sample size determination in health studies: A practical manual'. World Health Organization.

- Makvandi, M. (2016), 'Update on occult hepatitis B virus infection', *World Journal of Gastroenterology*, 22(39), pp. 8720–8734. doi: 10.3748/wjg.v22.i39.8720.
- Manuel, C. S., Suther, C., Moore, M. D., Jaykus, L. A. (2021), 'Comparison of a one-step real-time RT-PCR and a nested real-time RT-PCR for a genogroup II norovirus reveals differences in sensitivity depending upon assay design and visualization', *PLoS ONE*, 16(4 April), pp. 1–10. doi: 10.1371/journal.pone.0248581.
- McHugh, M. L. (2012), 'Lessons in biostatistics interrater reliability : the kappa statistic', *Biochemica Medica*, 22(3), pp. 276–282. Available at: <https://hrcak.srce.hr/89395>.
- Nguyen, M. H., Wong, G., Gane, E., Kao, J. H., Dusheiko, G. (2020), 'Hepatitis B Virus: Advances in Prevention, Diagnosis, and Therapy', 33(2), pp. 1–38. doi: <https://doi.org/10.1128/cmr.00046-19>.
- Obeagu, E.I; Obeagu, G.U; Nwosu, D. . (2016), 'International Journal Of Current Research In Chemistry And Pharmaceutical Sciences Evaluation of Antianxiety activity of Zonisamide based on the Serendipitious action in Swiss albino mice', *Int. J. Curr. Res. Chem. Pharm. Sci*, 3(11), pp. 10–21. doi: 10.22192/ijcrmps.
- Riset Kesehatan Dasar (Riskesdas) (2018), 'Laporan Riskesdas 2018 Nasional.pdf', Lembaga Penerbit Balitbangkes, p. hal 156. Available at: [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).
- Riskesdas (2018), *Riset Kesehatan Dasar Provinsi Sumatera Barat Tahun 2018, Laporan Riskesdas Nasional 2018*.
- Sinduvadi Ramesh, P., Vyas, R., Satishchandra, R., Brunda, A., Suma, K. B., Nataraj, S. M., *et al.* (2022), 'High-risk Human papillomavirus 16/18 in oral mucosa and cervix of sexually active women: A comparative pilot study using conventional nested PCR and an in-house real-time PCR', *Journal of Clinical Virology Plus*. Elsevier Ltd, 2(4), p. 100105. doi: 10.1016/j.jcvp.2022.100105.

- Song, J. E. and Kim, D. Y. (2016), 'Diagnosis of hepatitis B', *Annals of Translational Medicine*, 4(18). doi: 10.21037/atm.2016.09.11.
- Tramuta, C., Decastelli, L., Ingravalle, F., Barcucci, E., Fragassi, S., Bianchi, D. M. (2024), 'Performance Evaluation of a Commercial Real-Time PCR Method for the Detection of Lupin Traces in Food', *Foods*, 13(4), pp. 1–9. doi: 10.3390/foods13040609.
- Tripathi, N. and Mousa, O. Y. (2023), *Hepatitis B*. StatPearls.
- Tsai, K. N., Kuo, C. F. and Ou, J. H. J. (2018), 'Mechanisms of Hepatitis B Virus Persistence', *Trends in Microbiology*, 26(1), pp. 33–42. doi: 10.1016/j.tim.2017.07.006.
- Wijayanti, I. B. (2016), 'Efektivitas HBsAg-Rapid Screening Test Untuk Deteksi Dini Hepatitis B', *Jurnal KesMaDaSka-Januari*, pp. 29–34.
- Wilkins, T., Sams, R. and Carpenter, M. (2019), 'Hepatitis B: Screening, Prevention, Diagnosis, and Treatment', *American Family Physician*, 99(5), pp. 314–323.
- Wint, W. Y., Miyanojara, M., Yamada, H., Nakatsuka, T., Okamoto, M, Ryo, K., *et al.* (2024), 'Rapid multiplex real-time PCR assay using a portable device for the detection of oral pathogens', *Diagnostic Microbiology and Infectious Disease*. Elsevier Inc., 109(1), p. 116214. doi: 10.1016/j.diagmicrobio.2024.116214.
- World Health Organization. (2024), *Global Hepatitis Report 2024*. Available at: <https://www.who.int/publications/i/item/9789240091672>.
- Wu, Y., Ling, X., Yu, G., Zhu, H., Hu, W., Pu, C., *et al.* (2019), 'The efficacy of HBsAg detection using electro-chemiluminescence immunoassay for blood donor screening in China', *Annals of Blood*, 4, pp. 30–30. doi: 10.21037/aob.2019.12.02.
- You, C. R., Lee, S. W., Jang, J. W., Yoon, S. K. (2014), 'Update on hepatitis B virus infection', *World Journal of Gastroenterology*, 20(37), pp. 13293–13305. doi: 10.3748/wjg.v20.i37.13293.

You, H., Wang, F., Li, T., Xu, X., Sun, Y., Nan, Y., *et al.* (2023), 'Guidelines for the Prevention and Treatment of Chronic Hepatitis B (version 2022)', *Journal of Clinical and Translational Hepatology*, 11(6), pp. 1425–1442. doi: 10.14218/JCTH.2023.00320.

Yulia, D. (2020), 'Virus Hepatitis B Ditinjau dari Aspek Laboratorium', *Jurnal Kesehatan Andalas*, 8(4), pp. 247–254. doi: 10.25077/jka.v8i4.1108.

Zhang, R., Li, Z., Li, G. X., Tie, Y. Q., Li, X. N., Gao, Y., *et al.* (2020), 'A highly sensitive one-tube nested quantitative real-time PCR assay for specific detection of *Bordetella pertussis* using the LNA technique', *International Journal of Infectious Diseases*. International Society for Infectious Diseases, 93, pp. 224–230. doi: 10.1016/j.ijid.2020.01.053.

