

DAFTAR PUSTAKA

- Alhajj, M., & Farhana, A. (2022). Enzyme-Linked Immunosorbent Assay (ELISA). In *StatPearls*. StatPearls Publishing.
- Azzahra, D. A., Kurniawati, S. P., Octavianingrum, J. R., & Arini, L. D. D. (2025). Peran hormon kortikosteroid dalam regulasi metabolisme dan respons stres pada manusia. *Nian Tana Sikka: Jurnal Ilmiah Mahasiswa*, 3(2), 7–13.
- Bert, F., Gualano, M. R., Camussi, E., Pieve, G., Voglino, G., & Siliquini, R. (2016). Animal-assisted intervention: A systematic review of benefits and risks. *European Journal of Integrative Medicine*, 8(5), 695–706.
- Corwin, E. (2008). *Buku Saku Patofisiologi*. EGC.
- Direktorat Kesmavet. (2019). *Pedoman Kesejahteraan Hewan*. Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian Republik Indonesia.
- Dulude-de Broin, F., Côté, S. D., Whiteside, D. P., & Mastromonaco, G. F. (2019). Faecal glucocorticoid metabolites and assessment of physiological stress in a wild mountain goat population. *General and Comparative Endocrinology*, 280, 147–157.
- Efendy, J. (2018). Aktivitas harian dan deteksi stress pada Sapi Peranakan Ongole (PO). *Jurnal Online Universitas Madura*, 3(2), 53–58.
- Field, A. (2013). *Discovering statistics using IBM SPSS statistics* (4th ed.). SAGE Publications.
- Gamayanti W, Mahardianisa, Syafei I. (2018). Self Disclosure dan Tingkat Stres pada Mahasiswa yang sedang Mengerjakan Skripsi, 5(1): 115-130.
- Gese, E. M., Terletzky, P. A., Bleke, C. A., Stevenson, E. T., & French, S. S. (2023). Changes in fecal glucocorticoid metabolites in captive coyotes (*Canis latrans*): Influence of gender, time, and reproductive status. *Animals*, 13, 3596.
- Gholib, G., Rosnida, R., & Hamdan. (2021). Validasi kit ELISA kortisol untuk pengukuran kadar kortisol pada hewan ternak. *Jurnal Agripet*, 21(1), 1–8.
- Glenk, L. M., Kothgassner, O. D., Stetina, B. U., Palme, R., Kepplinger, B., & Baran, H. (2021). Therapy dogs show no cortisol increase during

- animal-assisted interventions in dementia patients. *Applied Animal Behaviour Science*, 239, 105342.
- Grandin, T., & Shivley, C. (2015). How farm animals react and perceive stressful situations such as handling, restraint, and transport. *Animals*, 5(4), 1233–1251.
- Handa, R. J., & Weiser, M. J. (2014). Gonadal steroid hormones and the hypothalamo–pituitary–adrenal axis. *Frontiers in Neuroendocrinology*, 35(2), 197–220.
- Haubenhofer, D. K., & Kirchengast, S. (2006). Physiological arousal for companion dogs working with their owners in animal-assisted activities and animal-assisted therapy. *Journal of Applied Animal Welfare Science*, 9(2), 165–172.
- Hayrapetyan, H., Tran, T., Tellez-Corrales, E., & Madiraju, C. (2023). Enzyme-linked immunosorbent assay: Types and applications. *Methods in Molecular Biology*, 2612, 1–17.
- Hellhammer, D. H., Wüst, S., & Kudielka, B. M. (2009). Salivary cortisol as a biomarker in stress research. *Psychoneuroendocrinology*, 34(2), 163–171.
- Hemsworth, P. H., & Coleman, G. J. (2011). *Human–livestock interactions: The stockperson and the productivity and welfare of intensively farmed animals* (2nd ed.). CABI.
- Hidayatik, N., Widiyono, I., & Sarmin. (2018). Deteksi kortisol feses kijang (*Muntiacus muntjak*) menggunakan ELISA. *Jurnal Sain Veteriner*, 36(2), 178–185.
- James, S.N., Stromin, J.I., Steenkamp, N., & Combrinck, M.I. (2023). Understanding the relationships between physiological and psychosocial stress, cortisol and cognition. *Frontiers in Endocrinology*, 14.
- Kaminski, J., Riedel, J., Call, J., & Tomasello, M. (2005). Domestic goats (*Capra hircus*) follow gaze direction and use social cues in an object choice task. *Animal Behaviour*, 69(1), 11–18.
- Karaer MC, Kankılıç T, Tavşanoğlu Ç, Cotman M, Čebulj-Kadunc N, Dovč A and Snoj T (2024) Effects of season and sex on the concentrations of fecal glucocorticoid metabolites in captive and free-ranging endangered mountain gazelles (*Gazella gazella*). *Front. Vet. Sci.*

- Karstan, A. H. (2006). Respon Fisiologis Ternak Kambing yang Dikandangkan dan Ditambahkan Terhadap Konsumsi Pakan dan Air Minum. *Jurnal Agroforestri*, 1(1): 65–73.
- Kateřina., K., Machová, K., Procházková, R., Makovcová, A., Zítek, Š., & Svobodová, I. (2024). Evaluation of cortisol levels and behavior in dogs during animal-assisted interventions in clinical practice. *Applied Animal Behaviour Science*, 277, 106321.
- Koda, N., Watanabe, G., Miyaji, Y., Ishida, A., & Miyaji, C. (2015). Stress levels in dogs, and its recognition by their handlers, during animal-assisted therapy in a prison. *Animal Welfare*, 24(3), 275–282.
- Kumowal, R. C., & Yudianto, A. (2025). Studi Meta-Analisis : Efektifitas Animal-Assisted Therapy untuk Menurunkan Kecemasan. *Jurnal Penelitian Pendidikan, Psikologi dan Kesehatan (J-P3K)*, 6(2), 518–528.
- Langbein, J., Siebert, K., & Nürnberg, G. (2007). On the use of an automated learning device by group-housed dwarf goats: Do individuality and social rank matter? *Applied Animal Behaviour Science*, 105(1–3), 111–122.
- Lequin, R. M. (2005). Enzyme immunoassay (EIA)/enzyme-linked immunosorbent assay (ELISA): General overview. *Clinical Chemistry*, 51(12), 2415–2418.
- Machová, K., Součková, M., Procházková, R., Vaníčková, Z., & Mezian, K. (2019). Canine-assisted therapy improves well-being in nurses. *International Journal of Environmental Research and Public Health*, 16(19), 3670.
- Mastellone, V., Scandurra, A., D'Aniello, B., Pinelli, C., Riccardi, M. G., Gatta, C., & Cortese, L. (2020). Socialized dogs (*Canis lupus familiaris*) but not socialized goats (*Capra hircus*) follow the direction of a human's gaze. *Animals*, 10(4), 694.
- Mbiydenyuy, N. E., & Qulu, L. A. (2024). Stress, hypothalamic-pituitary-adrenal axis, hypothalamic-pituitary-gonadal axis, and aggression. *Metabolic Brain Disease*, 39(8), 1613–1636.
- Moberg, G. P., & Mench, J. A. (Eds.). (2000). *The biology of animal stress: Basic principles and implications for animal welfare*. CABI Publishing.
- Möstl, E., Maggs, J. L., Schrötter, G., Besenfelder, U., & Palme, R. (2002). Measurement of cortisol metabolites in faeces of ruminants. *Veterinary Research Communications*, 26(2), 127–139.

- Muñoz-Lasa, S., Máximo-Bocanegra, N., Valero-Alcaide, R., Atín-Arratibel, M. A., Varela-Donoso, E., & Ferriero, G. (2023). Animal-assisted interventions in neurorehabilitation. *Neurología (English Edition)*, 38(1), 55–67.
- Nawroth, C., Martin, Z. M., & McElligott, A. G. (2020). Goats follow human pointing gestures in an object choice task. *Frontiers in Psychology*, 11, 915.
- Nawroth, C., Wiesmann, K., Kieson, E., Keil, N., & Langbein, J. (2023). Domestication and breeding objective did not shape the interpretation of physical and social cues in goats (*Capra hircus*). *Scientific Reports*, 13, 19098.
- Nimer, J., & Lundahl, B. (2007). Animal-assisted therapy: A meta-analysis. *Anthrozoös*, 20(3), 225–238.
- Noor, R. R., & Seminar, K. B. (2009). *Rahasia dan hikmah pewarisan sifat: Ilmu genetika dalam Al-Qur'an*. IPB Press.
- Palme, R. (2019). Non-invasive measurement of glucocorticoids: Advances and problems. *Physiology & Behavior*, 199, 229–243.
- Palme, R., Fischer, P., Schildorfer, H., & Ismail, M.N. (1996). Excretion of infused ¹⁴C-steroid hormones via faeces and urine in domestic livestock. *Animal Reproduction Science*, 43(1–2), 43–63.
- Palme, R., Rettenbacher, S., Touma, C., El-Bahr, S. M., & Möstl, E. (2005). Stress hormones in mammals and birds: Comparative aspects regarding metabolism, excretion, and noninvasive measurement in fecal samples. *Annals of the New York Academy of Sciences*, 1040, 162–171.
- Pamungkas, F.A dan Hendri, Y. (2006). Respon Fisiologi Tiga Jenis Kambing Di Musim Kemarau Pada Dataran Rendah. *Prosiding Peternakan*.
- Pande, A., Kinkade, C. W., Prout, N., Chowdhury, S. F., Rivera-Núñez, Z., & Barrett, E. S. (2024). Prenatal exposure to synthetic chemicals in relation to HPA axis activity: A systematic review of the epidemiological literature. *Science of the Total Environment*, 956, 177300.
- Pandey, R. P., Himanshu, Gunjan, Mukherjee, R., & Chang, C. M. (2024). The role of animal-assisted therapy in enhancing patients' well-being: Systematic study of the qualitative and quantitative evidence. *JMIRx Med*, 5, e51787.

- Robert, E. (2005). Competitive ELISA for small molecule detection. In *The immunoassay handbook* (3rd ed.). Elsevier.
- Santos, A.C.V., Härter, C.J., Gindri, M., Resende, K.T., & Teixeira, I.A.M.A. (2020). Body weight and sex effects on digesta mean retention time in growing Saanen goats. *Journal of Animal Science*, 98(4).
- Sapolsky, R. M., Romero, L. M., & Munck, A. U. (2000). How do glucocorticoids influence stress responses? Integrating permissive, suppressive, stimulatory, and preparative actions. *Endocrine Reviews*, 21(1), 55–89.
- Sarwono, J. (2017). *Metode riset skripsi pendekatan kuantitatif*. Elex Media Komputindo.
- Shih, H.-Y., Martin, F., Ness, D., Romine, W., Peck, T. L., Turpin, T., Horoschak, R., Steeby, C., Phillips, H., Claypool, M., Theuer, A., Herbeck, G. M., Sexton, J., Pittman, E., Bellamkonda, E., Mohabbat, N. M. L., Lyn, S. A., Bauer, B. A., & Mohabbat, A. B. (2025). Behavioral and physiological responses of therapy dogs to animal-assisted treatment in an inpatient stroke rehabilitation program. *Animals*, 15(2), 121.
- Souza, L. J. de, Ferrari, B., Rola, L. D., & Duarte, J. M. B. (2018). *Fecal Glucocorticoid Monitoring – A Valuable Approach to Noninvasive Assessment of Cortisol and Stress in Wild Animals*. IntechOpen.
- Steuer, P., Hummel, J., Clauss, M.. (2021). Increasing feed intake in domestic goats (*Capra hircus*): Measured effects on chewing intensity are probably driven by escape of few, large particles from the forestomach. *Animals*, 15(5), 100211.
- Sutama, I. K. (2009). Productive and reproductive performances of female Etawah crossbred goats in Indonesia. *Wartazoa*, 19(1).
- Touma, C., & Palme, R. (2005). Measuring fecal glucocorticoid metabolites in mammals and birds. *Annals of the New York Academy of Sciences*, 1046, 54–74.
- Wild, D. (Ed.). (2013). *The immunoassay handbook: Theory and applications of ligand binding, ELISA and related techniques* (4th ed.). Elsevier.
- Williamson, G., & Payne, W. J. A. (1993). *An introduction to animal husbandry in the tropics* (5th ed.). Blackwell Science.