

DAFTAR PUSTAKA

- Acha N, Szyfers B. 2001. Zoonosis and communicable disease common to man and animals. Vol I. Bacteriosis and mycosis. 3rd ed. Washington (DC): *Scientific and Technical Publication*. No.580; p. 40–62.
- Akriono, M.L, Wahjuningsih, Ihsan, M.N. 2017, Performans reproduksi sapi peranakan ongole dan peranakan limousin di Kecamatan Padang Kabupaten Lumajang, *Tropika Journal of Tropical Animal Production*. 18(1) : 77-81. DOI : 10.21776/UB.jtapro.2017.018.01.10
- Alton, G.G., L.M. Jones, R.D. Angus, J.M. Verger. 1988. Techniques for the *Brucellosis* Laboratory. Institute National de la Recherche, Agronomieque, Paris.
- Alamian, S., Dadar, M., Soleimani, S., Behrozikhah, A. M., Etemadi, A .2019. A Case of Identity Confirmation of *Brucella abortus* S99 by Phage Typing and PCR Methods. *Arch. Razi Ins.*, 74(2), 127-133.
- Almuneef M, Memish ZA. 2003. Prevalence of *Brucella* anti- bodies after acute *Brucellosis*. *J Chemother*. 15(2): 148–151.
- Al Dahouk S, Tomaso H, Nockler K, Neubauer H, Frangoulidis D. 2003. Laboratory based diagnosis of *Brucellosis* a review of the literature. part ii:serological tests for *Brucellosis*. *Clin lab*. 2003;49:577-89. Medline :14651329
- Anderson JD, Smith H. 1965. The metabolism of erythritol by *Brucella abortus*. *J GenMicrobiol*. 38:109–124.
- Ardiyanto D., Wuryastuti H., Wasito R. 2020. Deteksi *Brucella abortus* dari sampel darah utuh dengan uji *Polymerase Chain Reaction* tanpa ekstraksi DNA. *Jurnal Sain Veteriner*. Vol. 38. No. 3; 222-230. DOI: 10.22146/jsv.53506.
- Ariza, J. 2002. *Brucellosis* in the 21st century. *Med. Clin. (Barc)*. 119:339-344.
- Balai Veteriner Lampung, 2021, Peta Penyakit Hewan, Lampung (Indonesia) : Direktorat Kesehatan Hewan. Direktorat Jenderal Peternakan dan Kesehatan Hewan.
- Balai Veteriner Lampung, 2022, Peta Penyakit Hewan, Lampung (Indonesia) : Direktorat Kesehatan Hewan. Direktorat Jenderal Peternakan dan Kesehatan Hewan.

- Bricker, B. J, and Ewalt, D.R.. 2005. Evaluation of the HOOOF-print Assay for typing *Brucella abortus* strains isolated from cattle in the United States : result with four performance criteria. *BMC Microbiology*, 5:37 doi: 10.1186/1471- 2180-5-37
- Carvalho Neta A.V., Steynen A.P.R., Paixão T.A., Miranda K.L., Silva F.L., Roux C.M., Tsolis R.M., Everts R.E., Lewin H.A., Adams L.G., Carvalho A.F., Lage A.P. dan Santos L. (2008). –Modulation of bovine trophoblastic innate immune response by *Brucella abortus*. *Infect. Immun.*, 76, 1897–1907.
- Carvalho Neta AV, Mol JP, Xavier MN, Paixão TA, Lage AP, Santos RL. 2010. Pathogenesis of bovine *Brucellosis*. *Vet J*. 184(2):146–155.
- Clavareau. C, Wellemans. V, Walravens, K., Tryland. Verge, J.M, Grayon, M., Cloekaert, A., Letesson, J. J., Godfroid, J.. 1998. Phenotypic and molecular Characterization of a *Brucella* strains isolated from a minke whale (*Balaenoptera Acutorostrata*). *Microbiology* (1998), 144,3267-3273
- Colmenero, J.D., J.M. Reguera, and F. Martos. 1996. Complications associated with *Brucella melitensis* infection: A study of 530 cases. *Medicine*. 75:195-211.
- Corbel MJ. 2006. *Brucellosis* in humans and animals *Brucellosis* in humans and animals. In: Corbel M, Elberg S, Cosivi O (Eds.). Corbel, M.J. (1972): Characterization of Antibodies Active in the Rose Bengal Plate Test. *Vet. Rec.*9:484-485.
- Coyne VE, James SJ, Reid, Rybicki EP. 1996. Molecular biology techniques manual. South Africa : Univ. Cape Town.
- de Macedo AA, Galvão NR, Sa JC, de Carvalho da Silva AP, da Silva Mol JP, Dos Santos LS, Santos RL, de Carvalho Neta AV. 2019. *Brucella*-associated cervical bursitis in cattle. *Trop Anim Health Prod*. 51(3):697–702.
- Sudibyo, A. 1995. Perbedaan respon serologis antara sapi yang mendapat infeksi alami, infeksi buatan dan yang divaksinasi dengan vaksin *Brucella abortus* galur 19. *Jurnal Ilmu Ternak dan Veteriner* 1 (2) : 117-122.
- Diaz, R., Casanova, A., Ariza, J., dan Moriyon, I. (2011). The Rose Bengal Test in Human *Brucellosis*: a neglected test for the diagnosis of a neglected disease. *PLoS Neglected Tropical Disease*, 5(4), e950.
- Dinas Ketahanan Pangan Pertanian dan Perikanan Kota Metro, 2022, Pertanian Dalam Angka. Metro Lampung (Indonesia) : Pemerintah Daerah Kota

Metro.

Ditjennak. 2006. Kebijakan pemberantasan *Brucellosis* pada sapi perah. Rakor *Brucellosis* sepulau Jawa. Jakarta (Indonesia) : Direktorat Jenderal Peternakan.

Direktorat Kesehatan Hewan. 2015. Roadmap Penanggulangan dan Pengendalian *Brucellosis*. Jakarta (Indonesia): Direktorat Kesehatan Hewan. Direktorat Jenderal Peternakan dan Kesehatan Hewan.

Direktorat Kesehatan Hewan. 2018. Program pembebasan *Brucellosis* di Indonesia. Rapat koordinasi pembebasan *Brucellosis*. Jakarta (Indonesia): Direktorat Kesehatan Hewan. Direktorat Jenderal Peternakan dan Kesehatan Hewan.

Elfaki M. G., Alaidan, A. A., dan Al-Hokail, A. A. (2015). Host Response to *Brucella* Infection: Riview and Future prespective. *Jurnal of infection in Developing Countries*, 9(7), 697-701.

Enright FM. 1990. The pathogenesis and pathobiology of *Brucella* infection in domestic animals. In : Nielsen K, Duncan JR, editors. *Animal Brucellosis*. BocaRaton (USA): *CRC Press Inc*. p. 301 -320.

FAO (Food and Agriculture Organization). 2012. A stepwise approach for progressive control of *Brucellosis* in animals. EMPRES Transboundary Animal Disease Buletin No. 41 – 2012. Diunduh pada 3 Maret 2022 dari situs
FAO.
http://www.fao.org/ag/againfo/programmes/en/empres/news_250113b.html

Fretin D, Fauconnier A, Ko hler S, Halling S, Leonard S, Nijskens C, Ferooz J, Lestr te P, Delrue R-M, Danese I, *et al*. 2005. The sheathed flagellum of *Brucella melitensis* is involved in persistence in a murine model of infection. *Cell Microbiol*. 7(5):687–698.,

Gall D., Nielsen K. 2004. Serological diagnosis of Bovine *Brucellosis*: a review of test performance and cost comparison. *Revue Scientifique et Technique*. 2004;23(3):989–1002.

Garin-Bastuji, B. 2014. *Brucellosis*: An emerging disease with public health implications. Http: [//www. Slues.org.centrb.cgd](http://www.slues.org.centrb.cgd)

Garin-Bastuji B, Blasco JM, Grayon M, Verger JM. *Brucella melitensis* infection in sheep: present and future. *Vet Res*. 1998; 29(3-4): 255-74. Garry, F. 2008. Miscellaneous Infectious Diseases. *Rebhun’s Disease of Dairy Cattle*. Hal. 606-639. ISBN : 978-1-4160-3137-6. Elsevier Inc. All rights reserved

- Getachew T., Getachew G., Sinyatehu G., M. Gatenet, A. Fasil. 2016. Bayesian estimation of sensitivity and specificity of rose bengal, complement fixation and indirect ELISA test for the diagnosis of bovine *Brucellosis* in Ethiopia. *VetMed Int.* 2016: 8032752. DOI : 10.1155/2016/8032753.
- Ghurafa R., Lukman D.W., Latif H. 2019. Indirect enzyme linked immunosorbent assay sebagai model untuk melacak *Brucellosis* pada sapi perah. *Jurnal Veteriner Maret 2019 Vol. 20 No. 1 : 30 - 37.* ISSN: 1411-8327; eISSN:2477-5665. DOI: 10.19087/jveteriner.2019.20.1.30.
- Godfroid J, Nielsen K, Saegerman C. 2010. Diagnosis of *Brucellosis* in livestock and wildlife. *Croat Med J.* 51:296-305.
- Greiner m, verloo d, de massis f. 2009. Meta-analytical equivalence studies on diagnostic tests for bovine *Brucellosis* allowing assessment of a test against a group of comparative tests. *Prev vet med.* 2009;92:373-81. medline:19766334 doi:10.1016/j.prevetmed.2009.07.014
- Helat M., Reza R., Seyed M A. 2014. Classical and Modern Approaches Used for Viral Hepatitis Diagnosis. *Hepatitis Monthly* 14(4):e17632. *PubMed*.
- Islam M. S., Garofolo G., Sacchini L., Dainty A.C., Mst. M.K., Sukumar S., Md.I. 2019. First Isolation, Identification and Genetic Characterization of *Brucella abortus* Biovar 3 From Dairy Cattle in Bangladesh. *Vet Med Sci.* 2019;5:556-562. DOI : 10.1002/vms3.193.
- Jacques, I., Olivier-Bernardin, V., dan Dubray, G. (1998). Efficacy of ELISA compared to conventional tests (RBPT and CFT) for the diagnosis of *Brucella melitensis* infection in sheep. *Veterinary Microbiology*, 64(1), 61–73. doi:10.1016/s0378-1135(98)00250-8 .
- Jinkyung Ko and Gary A. Splitter. 2003. Molecular Host-Pathogen Interaction in *Brucellosis* : Current Understanding and Future Approaches to Vaccine Development and Humans. *Clin Microbiol Rev.* 16(1) : 65-78. DOI : 10.1128/CMR.16.1.65-78.2003
- Joann L. Colville DVM, David L. Berryhill PHD. 2007. *Brucellosis. Handbook of Zoonoses.* Hal. 38-43. ISBN : 978-0-323-04478-3. Elsevier Inc. All rights reserved
- Kadri K. 2019. Polymerase chain reaction (PCR) : principle and applications. DOI: 10.5772/intechopen.86491. <https://www.intechopen.com/chapters/67558>
- Kaltungo, B.Y., Saidu, S.N.A., Sacey, A.K.B., Kazeem, H.M.A. 2014. Review on Diagnostic Techniques for *Brucellosis*. *Afr. J. Biotechnol.*, 13, 1-10.

- Kartini D., Noor S.M., Pasaribu F.H. 2017. Deteksi *Brucellosis* pada Babi secara Serologis dan Molekuler di Rumah Potong Hewan Kapuk, Jakarta dan Ciroyom, Bandung. *Acta Veterinaria Indonesiana*. Vol. 5, No. 2: 66-73, Juli 2017.
- Khamesipour F, Doosti A, Taheri H. 2013. Molecular detection of *Brucella spp* in the semen, testis and blood samples of cattle and sheep. *J Pure Appl Microbiol*. 7:495-500.
- Khan FM, Qureshi MS, Nawaz S, Aftab M, Sadique U, Islam Z, *et al*. 2017. Comparative evaluation of Serum Plate Agglutination Test (SPAT) and *Rose Bengal Plate Test* (RBPT) for diagnosis of *Brucella abortus* in sera of cattle and human. *Int. J. Biosci*. 2017; 10(5): 367-71.
- Kiros A, Asgedom H, Abdi RD. 2016. A review on bovine *Brucellosis*: epidemiology, diagnosis and control options. *ARC J Anim Vet Sci*. 2(3):8–21.
- Kreutzer, D.L. dan D.D. Robertson. 1979. Surface macromolecules and virulence in intracellular parasitism : comparison of cell envelope component of smooth and rough strains *Brucella abortus*. *Infect. Immun*. 23:819-828
- Leuenberger, R; Boujon, P; Thu r, B; Miserez, R; Garin- Bastuji, B; Ru fenacht, J and Sta rk D. 2007. Prevalence of classical swine fever, Aujeszky's disease and *Brucellosis* in a population of wild boar in Switzerland. *et. Rec.*, 160: 362-368.
- MacMillan, A.P, GreiserWilke, I., Moennig, V., and Mathias, L.A. 1990. A competition enzyme immunoassay for *Brucellosis* diagnosis. *Dtsch.Tierarztl. wochens*. 97(2):83-85.
- Madsen, M. 1994. Evaluation of a rapid enzyme immunoassay test kits for the serological diagnosis of *Brucellosis*. *BAHPA*. 42:93-97.
- Mainar-Jaime R. C., Muñoz P. M., de Miguel M. J., *et al*. 2005. Specificity dependence between serological tests for diagnosing bovine *Brucellosis* in *Brucella*-free farms showing false positive serological reactions due to *Yersinia enterocolitica* O:9. *Canadian Veterinary Journal*. 2005;46(10):913– 916.
- María E. Negrón, Rebekah Tiller, Grishma Kharod. *Brucellosis*. 2019. Chapter 4. Travel-Related Infectious Disease. <https://wwwnc.cdc.gov/travel/yellowbook/2020/travel-related-infectious-diseases/Brucellosis>

- Martin, S. W., Meek, A. H. dan Willeberg, P. 1987. *Veterinary Epidemiology: Principles and Methods*. Iowa State University Press. Ames, Iowa;56-59.
- Mayasari, 2018, antibodi alami berpotensi sebagai penanda biologis kesehatan sapi perah, <https://www.unpad.ac.id/profil/novi-mayasari-m-sc-phd-antibodi-alami-berpotensi-sebagai-penanda-biologis-kesehatan-sapi-perah/>
- McGiven JA, Tucker JD, Perrett LL, Stack JA, Brew SD, MacMillan AP. 2003. Validation of FPA and cELISA for the detection of antibodies to *Brucella abortus* in cattle sera and comparison to SAT, CFT, and iELISA. *J Immunol Methods*. 2003; 278(1-2): 171-8.
- Meze MGP., Hndijatno D., Tyasningsih W., Suwarno, Agnes TSE., Rahaju E. 2020. Deteksi Molekuler Gen Penyandi Protein Virb11 pada *Brucella abortus* Isolat Lokal Asal Pinrang, NTT dan Strain Vaksin. *Jurnal Veteriner*. Vol. 21 No. 4 :502-511 . DOI: 10.19087/jveteriner.2020.21.4.502
- Mirjalili A, Lotfpouri H. 2016. Development of Indirect ELISA (IELISA) for Diagnosis of Bovine *Brucellosis*, Comparison of Three Different Labeled Detection Reagents. *MOJ Immunol*. 2016;3(5):11-12. DOI: 10.15406/moji.2016.03.00104
- Moreno E. 2014. Retrospective and prospective perspectives on zoonotic *Brucellosis*. *Front Microbiol*. 5:213.
- Mohamed, G.E., Alaidan, A.A., Al-hakail, A.A. 2015. Host Response to *Brucella* Infection: Review and Future perspective. *J. Infect. Develop. Countries*, 9(7), 697-701.
- Mohseni K., Mirnejad R., Piranfar V., Shiva M. 2017. A Comparative Evaluation of ELISA, PCR, and Serum Agglutination Tests For Diagnosis of *Brucella* Using Human Serum. *Iran J Pathol*. 2017; 12(4):371-376.
- Naik RV, Murthy H, Prakash HK, Peerapur BVA. 2017. Comparative study of Microplate Agglutination Test (MAT) with Enzyme Linked Immunosorbant Assay (ELISA) for diagnosis of *Brucellosis*. *Int J Curr Microbiol App Sci*. 2017; 6(10): 1550-8.
- Naipospos TSP. 2014. Analisis kebijakan program pembebasan *Brucellosis* di Indonesia. Blog VeterinerKu. <http://tatavetblog.blogspot.com/2014/02/implikasi-ekonomi-dan-epidemiologis.html>.
- Neta, A.V.C., J.P.S. Mol, M.N. Xavier, T.A. Paixao, A.P. Lage, R.L. Santos. 2010. Pathogenesis of Bovine *Brucellosis*. *J Vet*, 184: 146-155

- Nielsen KH, Wright PF, Cherwonogrodzky JH. 1988. A Review of Enzyme Immunoassay for Detection of Antibody to *Brucella abortus* in Cattle. *Vet Immunol Immunop.* 18: 331-347.
- Nielsen K.H., Kelly L, Gall D., P. Nicoletti, W. Kelly. 1995. Improved Competitive Enzyme Immunoassay for the Diagnosis of Bovine Brucellosis. *Veterinary Immunology and Immunopathology*, Vol. 46, No. 3-4, 1995, pp. 285-291. doi:10.1016/0165-2427(94)05361-U
- Nielsen, K., dan Yu, W. L. 2010. Serological Diagnosis of *Brucellosis*. *Sec. Biol. Med Sci*, p. 65-89.
- Noor S.M. 2018. Teknik molekular amplifikasi DNA untuk deteksi *Brucellosis* pada sapi. WARTAZOA Vol. 28 No. 2 Th. 2018 Hlm. 081-088 DOI: <http://dx.doi.org/10.14334/wartazoa.v28i2.1829>.
- Noor S.M., Sudharmono P., Kusumawati A., Anis K. 2015. Deteksi *Brucellosis* pada Susu Sapi dengan Uji Polymerase Chain Reaction (PCR). *Jurnal Kedokteran Hewan*. Vol. 9 No. 1. ISSN : 1978-225X.
- OIE Terrestrial Manual. 2009. Bovine *Brucellosis*. Retrieved February 02, 2012 from http://www.oie.int/fileadmin/Home/eng/Health_standards/tahm/2.04.03_BOVINE_BRUCELL.
- OIE. World Organisation for Animal Health. 2016. *Brucellosis (Brucella abortus, B.melitensis and B. suis)* (Infection with B. abortus, B. melitensis and B. suis). Manual of Diagnostic Tests and Vaccines for Terrestrial Animals; 2016.
- OIE . 2018. OIE-listed diseases, infections and infestations in force in 2018. Accessed 20th April 2020. [https://www.oie.int/en/what-we-do/animal-health-and-welfare/animal-diseases/old-classification-of-diseases-notifiable-to-the-oie-list-b/\[Ref list\]](https://www.oie.int/en/what-we-do/animal-health-and-welfare/animal-diseases/old-classification-of-diseases-notifiable-to-the-oie-list-b/[Ref list])
- Poester, F.P., Nielsen, K., Samartino, L.E., Yu, W.L. 2010. Diagnosis of *Brucellosis*. *Open Vet.Sci. J.* 4:46.
- Prabowo, A., Basri, E, Tambunan, R.P., Soerachman, 2008, Teknologi Budidaya Sapi Potong, Balai Besar Pengkajian dan Pengembangan teknologi Pertanian : Badan Penelitian dan Pengembangan Pertanian : 15-22.
- Putra, A.A.G., Arsani, N.M., Sudianta. 2002. *Brucellosis*, Program dan Evaluasi Pemberantasan di Pulau Lombok, Nusa Tenggara Barat. Balai Besar Veteriner Denpasar : 10-12.
- Salsabila, Diana, https://www.academia.edu/37744133/FAKTOR_RISIKO

- Seleem MN, Boyle SM, Sriranganathan N. 2008. *Brucella*: a pathogen without classic virulence genes. *Vet Microbiol.* 129(1-2):1–14.
- Shirima, G. 2005. The epidemiology of *Brucellosis* in animals and humans in Arusha and Manyara regions in Tanzania. Faculty of Veterinary Medicine, University of Glasgow, Tanzania, PhD thesis.
- Shreffler J., Huecker M.R. 2022. Diagnostic testing accuracy : sensitivity, specificity, predictive values and likelihood ratios. StatPearls Publishing. 2022 Jan
- Singh, G; Sharma, DR; Sandhu, KS, Dhand, NK. 2002. Economic losses occurring due to bovine abortions in Punjab. In: 10th International Congress of Asian-Australasian Association of Animal Production Societies. 23-27 September. Ashoka Hotel, New Delhi. Indian Association of Animal Production and World Buffalo Trust, New Delhi, India.
- Smirnova EA, Vasin AV, Sandybaev NT, Klotchenko SA, Plotnikova MA, Chervyakova OV, *et al.* 2013. Current methods of human and animal *Brucellosis* diagnostics. *Adv Infect Dis.* 2013; 3(3): 177–84.
- Starr, T., T.D. Wherly, L.A. Knodler, J. Celli. 2008. *Brucella* intercellular replication requires trafficking through the late endosomal/lysosomal compartment. *Traffic. Pub Med*, (9): 678-694.
- Sudibyo, A. 1994. Studi *Brucellosis* dan karakterisasi protein antigenic *Brucella abortus* isolate lapang pada sapi perah. Tesis Magister Sain. Program Pascasarjana Institut Pertanian Bogor.
- Sulaiman I. 1993. *Brucellosis* pada sapi. Buletin Diagnosa Veteriner. <http://repository.pertanian.go.id/handle/123456789/15954>.
- Supartono. 2004. Isolasi dan Identifikasi *Brucella abortus* Penyebab Keguguran pada Sapi. Prosiding.
- Sumiarto B, Setyawan B. 2018. Epidemiologi Veteriner Analitik. Gadjah Mada University Press. ISBN : 978 602 386 301 3. Yogyakarta
- Surucuoglu, S; Sibel, El; Ural, S; Gazi, H; Kurutepe, S; Taskiran, P, Yurtsever, SG. 2009. Evaluation of real-time PCR method for rapid diagnosis of *Brucellosis* with different clinical manifestations. *Pol. J. Microbiol.*, 58: 15-19.
- Tabasi M., Eybpoosh S., Bouzari S. 2019. Development of an indirect ELISA based on whole cell *Brucella abortus* S99 lysates for detection of IgM anti-

Brucella antibodies in human serum. *Comparative Immunology, Microbiology and Infectious Diseases* 63: 87–93.

Tankeshwar A. 2022. Polymerase chain reaction (PCR) : steps, types, application. Molecular biology. <https://microbeonline.com/polymerase-chain-reaction-pcr-steps-types-applications/>

Thornton H. 1970. Hygromas in Cattle. The central medical journal of medicine TiallaD., Kone P., Kadja MC., A. Kamga W., C.B. Dieng., N. Ndoye., K.G.G.: 45-50.

Kouame., S. Bakou., A.J. Akakpo. 2014. Prevalence of bovine *Brucellosis* and associated risk behaviors to this zoonosis in the area peri-urban area ofDakar inSenegal. *Journal of animal husbandry and veterinary medicine in tropical countries*. 2014, 67 (2) : 67-72

Radostits OM, Gay CC, Blood CD, Hinchelcliff K. 2000. Veterinary medicine: a text book of the disease of cattle, sheep, pigs and horses. 9th ed. NewYork (NY): W. B. Saunders Company Ltd. p. 867–882.

Radostitis, O.M., Gay, C.C., Hincheliff, K.W. Constable, P.D. 2007. A Textbook and of the Diseases of Cattle, Horses, Sheep, Pigs and Goats 10th edition. Spain: Saunders Elseier. pp 963-993

Tulu D. 2022. Bovine *Brucellosis* : epidemiology, public health implication and statusof *Brucellosis* in Ethiopia. *Vet Med* (Auckl). 2022; 13: 21-30

Valones M.A.A., Gumaires R.L., Brandao L.A.C., Paulo R.E.S., Alessandra A.T.C., Sergio C. 2009. Principles and aplication of polymerase Chain reaction in medical diagnostic fields : a review. *Brazilian Journal of Microbiology* (2009) 40 : 1-11. ISSN:1517-8382.

Walker, L.R. 1999. *Brucella*inVeterinary Microbiology. Dwight, C., Hirsh, D.c. and Zee, Y.C. (ed). BlackGG science. Pp. 196-202.

WHO /MZCP. 1998. Human and Animal *Brucellosis*. Report of a WHO/MZCP Wokshop, Damascus, Syria, 4th-5thMay.

WHO .2006. *Brucellosis* in Humans and Animals. Geneva, Switzerlad: WHO Press. World Health Organization (WHO), Food and Agriculture Organization of theUnited Nations (FAO), World Organisation for Animal Health Principal (OIE).WHO Press; 2006.

Wibowo. F.C.P, Isnaini, N., Wahjuningsih, S., 2014, Performan reproduksi sapi peranakan ongole dan sapi peranakan limousine di kecamatan Berbek Kabupaten Nganjuk.

- Wuryastuty, H., Wasito, R., Sugiyono. (2019). Molecular identification of *Brucella abortus* collected from whole blood samples of seronegative dairycattle with reproductive disorders in Central Java, Indonesia. *Pakistan Veterinary Journal*. 39(3): 455- 458.
- Xavier M.N., Costa E.A., Paixa o T.A. dan Santos R.L. (200). – The genus *Brucella* and clinical manifestations of *Brucellosis*. *Cie n. rural*. 39. 2252–2260.
- Yanagi M, Yamasato K. 1993. Phylogenetic analysis of the family Rhizobiaceae and related bacteria by sequencing of 16S rRNA gene using PCR and DNA sequencer. *FEMS Microbiol Lett*. 107(1):115–120.
- Young, E.J. 1995. An overview of human *Brucellosis*. *Clin. Infect. Dis*.21:283-290. Yu W.L., Nielsen K. 2010. Review of Detection of *Brucella spp.* By Polymerase Chain Reaction. *Croat Med. J.* 2010; 51 : 306-13. DOI: 10.3325/cmj.2010.51.306.