

DAFTAR PUSTAKA

1. Lavanya G, Voravuthikunchai SP, Towatana NH. Acetone extract from *rhodomyrtus tomentosa*: a potent natural antioxidant. NCBI. 2012.
2. Sutomo, Arnida, Hernawati F, Yuwono M. Kajian farmakognostik simplisia Daun Karamunting (*Rhodomyrtus tomentosa*) asal pelaihari Kalimantan Selatan. Sains dan terapan Kimia. 2010: 4: 38-50.
3. Lai TN, Herent MF, Quectin-Leclercq J, Nguyen TB, Rogez H, Larondelle Y, Andre CM. Piceatannol, a potent bioactive stilbene, as major phenolic component in *Rhodomyrtus tomentosa*. NCBI. 2013.
4. Krismawati, A., Sabran, M. Pengelolaan Sumber Daya Genetik Tanaman Obat Spesifik Kalimantan Tengah. Buletin Plasma Nutfah, 2004: 12: 16-23.
5. WHO. Traditional medicine. 2003. <http://www.who.int> diakses 9 Juli 2014.
6. University of Maryland Medical Center. Herbal medicine. umm.edu diakses 11 Juli 2014.
7. Badan Pusat Statistik. Indikator kesehatan 1995-2012. <http://www.bps.go.id> diakses 11 Juli 2014.
8. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia. Riskesdas. 2010.
9. Kurniawaty E, Susantiningih T, Gaol FFL. The effect of djenkol (*Pithecellobium Lobatum Benth.*) seeds ethanol extract on levels of blood glucose, urea and creatinine in white male rats (*Rattus Norvegicus*) sprague dawley strain induced alloxan. Medical Faculty of Lampung University. 2013.
10. Zhou T, Xiao XH, Wang JY, Chen JL, Xu XF, He ZF, et al. Evaluation of microwave-assisted extraction for aristolochic acid from *Aristolochiae Fructus* by chromatographic analysis coupled with nephrotoxicity studies. John Wiley & Sons, Ltd. 2011.
11. Qiao HX, Liu YY, Wu LM, Li LD. Nephrotoxicity of radix *Aristolochiae* and it's substitution material radix *inulae* in rats. NCBI. 2007.
12. De Oliveira RB, de Paula DA, Rocha BA, Franco JJ, Gobbo-Neto L, Uyemura SA, et al. Renal toxicity caused by oral use of medicinal plants: the yacon example. Elsevier Ireland Ltd. 2010.

13. OC Koroye, IM Siminialayi, EN Etebu. Effects of oral administration of Aloe vera plus on the heart and kidney: a subacute toxicity study in rat models. *The Nigerian Health Journal*. 2010: 10.
14. Hidayati. Efek fraksi air etanol daun karamunting (*Rhodomyrtus tomentosa* (Ait) Hassk.) terhadap histologi hati, ginjal, tikus dan jantung mencit putih. Universitas Andalas. Padang (Skripsi). 2011.
15. European Medicines Agency. Guideline on repeated dose toxicity. London. 2008.
16. Wiguna DP. Pengaruh Fraksi Air Etanol Daun Karamunting (*Rhodomyrtus tomentosa* (Ait.) Hassk.) Terhadap Fungsi Hati dan Fungsi Ginjal Mencit Putih. Universitas Andalas. Padang (Skripsi). 2011.
17. Classification for Kingdom Plantae Down to Species *Rhodomyrtus tomentosa* (Aiton) Hassk. <http://plants.usda.gov> diakses 6 Juni 2014.
18. Csurhes, Steve; Hankamer, Clare. Ceylon hill cherry (downy rose myrtle). Departement of Empeyement, Economic Development and innovation. 2011.
19. Hernani, Sudiarto, Rahardjo M, Muhammad H. Aspek stadia pertumbuhan dan pascapanen terhadap mutu tempuyung. *Warga Perhimpunan Peneliti Bahan Obat Alami (Perhipba)*. 1997: 5:14-7.
20. Tuarhesia S, Soediri I, Suganda AG. Pemeriksaan Flavonoid dan Minyak Atsiri Daun Karamunting (*Rhodomyrtus tomentosa* W.Ait, Myratceae). *Penelitian Obat Bahan Alam Sekolah Farmasi ITB*. 1987.
21. Crozier, Alan. *Plant secondary metabolites*. Blackell Publishing, Oxford. 2006: 2-3, 65-74, 102, 152.
22. Shahriar Khadem and Robin J. Marles. Monocyclic Phenolic Acids; Hydroxy- and Polyhydroxybenzoic Acids: Occurrence and Recent Bioactivity Studies. *Molecules* 2010: 7985-8005.
23. Mulyani E.S Prof. Dr. Sri. *Anantomi Tumbuhan*. Yogyakarta: Penerbit Kanisius. 2009: 72-3.
24. Setijo P, Nira PH. *Budidaya kesemek*. Yogyakarta: Penerbit Kanisius. 2007:126.
25. *Dark chocolate healing*. Jakarta: PT Elex Media Komputindo. 2008: 121.
26. Chorachoo J, Amnuait T, Voravuthikunchai SP. Liposomal encapsulated rhodomyrtone: a novel antiacne drug. NCBI. 2013.
27. Limsuwan S, Kayser O, Voravuthikunchai SP. Antibacterial activity of *Rhodomyrtus tomentosa* (Aiton) Hassk. Leaf against clinical isolates of *Streptococcus pyogenes*. NCBI. 2012.

28. Tung NH, Ding Y, Choi EM, Van Kiem P, Van Minh C, Kim YH. New anthracene glycosides from *Rhodomyrtus tomentosa* stimulate osteoblastic differentiation of MC3T3-E1 cells. 2009.
29. Sherwood Lauralee. Fisiologi manusia dari sel ke sistem (human physiology: from cells to systems); Edisi II. Jakarta: Penerbit Buku Kedokteran EGC. 2001.
30. Putz, R. Sobotta Atlas Anatomi Manusia. Jakarta: Penerbit Buku Kedokteran EGC. 2000.
31. Broe, Marc E; Porter, George A; Bennet, William M; Verpooten, Gert A. Clinical Nephrotoxins; Renal injury from drugs and chemical second edition. Kluwer Academic Publisher. 2008.
32. Aslam, M., Tan, C.K., Prayitno, A. Farmasi Klinis (Clinical Pharmacy), Menuju Pengobatan Rasional dan Penghargaan Pilihan Pasien. Jakarta: Elexmedia Komputindo. 2003: 18.
33. Pearce, E. Anatomi dan Fisiologi untuk Paramedis. Jakarta: Gramedia Pustaka Utama. 2002: 251.
34. Kee, J.L. Pedoman Pemeriksaan Laboratorium & Diagnostik. . Jakarta: Penerbit Buku Kedokteran EGC. 2008: 150-1.
35. Hartmann, Alfred E. Clinical Laboratory Medicine: Nitrogen metabolites and renal function. 2nd ed. 2002: 383-4.
36. Finn, William F., Porter, George A. Urinary biomarkers dan nephrotoxicity in Clinical Nephrotoxins. USA: Springer; 2003: 629.
37. Walker HK, Hall WD, Hurst JW. Clinical Methods: The history, physical and laboratory examinations. Ed 3. Boston: Butterworths. 1990.
38. Human Gesellschaft fur Biochemica und Diagnostica mbH. Urea liquor. Germany: Max-Planck-Ring 21-65205.
39. Murray, Robert K; Granner, Daryl K; Mayes, Peter A; Rodwell, Victor W. Harper's Illustrated Biochemistry 27th edition. 2006.
40. Sobh, Mohamed A. Nephrology for medical students. Egypt. 2008.
41. Human Gesellschaft fur Biochemica und Diagnostica mbH. Creatinine liquor. Germany: Max-Planck-Ring 21-65205.
42. Kumar V, Cotran R, Robbins SL. Buku ajar patologi edisi 7 volume 1. Jakarta: EGC, 2012.
43. Underwood JCE. Patologi umum dan sistemik. Edisi 2. Volume 1. Jakarta: EGC, 1999.

44. Sacher RA, McPherson RA. Tinjauan klinis hasil pemeriksaan laboratorium. Edisi 11. Jakarta: EGC, 2004.
45. Cabrales P, Han G, Nacharaju P, Friedman AJ, Friedman JM. Reversal of hemoglobin-induced vasoconstriction with sustained release of nitric oxide. *American journal of physiology*, 2011, 300(1): 49-56
46. Renal Cellular Responses to Toxicant Exposures www.cybernephrology.ualberta.ca
47. Sudoyo, Aru W. Buku ajar ilmu penyakit dalam edisi 5 jilid 1. Jakarta: Interna Publishing. 2010.
48. Schmitz G, Lepper H, Heidrich M. Farmakologi dan Toksikologi: Antiinfeksi-antibiotik/kemoterapeutik. Ed 3. Jakarta: EGC. 2003: 527-8.
49. Departemen Farmakologi dan Terapeutik Fakultas Kedokteran Universitas Indonesia. Farmakologi dan terapi: Aminoglikosid. Ed 5. Jakarta: Badan Penerbit FKUI. 2012.
50. Shandu JS, Sehgal A, Gupta O, Singh A. Aminoglycoside nephrotoxicity revisited. *Jurnal Indian Academy of Clinical Medicine*. 2007; 8(4):331-3.
51. Sihombing, Marice; Tuminah, Sulistyoti. Perubahan nilai hematologi, biokimia darah, bobot organ dan bobot badan tikus putih pada umur berbeda. *Jurnal Veteriner*. . 2011;12(1):58-64.
52. Sirois, M. *Laboratory Animal Medicine: Principles and procedures*. Missouri: Mosby Inc. 2005.
53. Krinke, George J. (editor). *The handbook of experimental animals: the laboratory rat*. Slovenia: Midas Printing, Ltd. 2000: 12, 488.
54. Koolhaas, Jaap M. *The laboratory rat*, Dalam: Hubrecht, Robert; Kirkwood, James, *The UFAW handbook on the care and management of laboratory and other research animal*. Ed 8. USA: Universities Federation for Animal Welfare. 2010: 314, 321-2.
55. Johnson-Delaney, C. *Exotic animal companion medicine handbook for veterinarians*. Zoological Education Network. 1996.
56. Harborne, J. B. *Metode Fitokimia*. Penuntun cara modern menganalisis tumbuhan. Terjemahan K. Padmawinata & I. Soediro. Bandung: Penerbit ITB. 1978.
57. Marlina, Soerya Dewi; Venty Suryanti; Suyono. Skrining fitokimia dan analisis kromatografi lapis tipis komponen kimia buah labu siam (*Sechium edule* Jacq. Swartz.) dalam ekstrak etanol. *Biofarmasi*. 2005: 3 (1): 26-31.
58. Atmoko, Tri dan Amir Ma'ruf. Uji toksisitas dan skrining fitokimia ekstrak tumbuhan sumber pakan orangutan terhadap larva artemia salina I. *Jurnal Penelitian Hutan dan Konservasi Alam*. 2009: 4(1): 37-45.

59. Sreevidya, Narasimhan dan Shanta Mehrotra. Spectrophotometric method for estimation of alkaloids precipitable with dragendorff's reagent in plant materials. *Journal of the Association of Official Agricultural Chemists*. 2003, 86(6): 1125.
60. Lailatul, Lela K. Efektivitas biolarvasida ekstrak etanol limbah penyulingan minyak akar wangi (*Vetiveria zizanoidess*) terhadap larva nyamuk *aedes aegypti*, *culex sp.* and *anopheles sundaicus*. *Jurnal Sains dan Teknologi Kimia*. 2010: 1(1):60-1.
61. Departemen Kesehatan Republik Indonesia (Depkes RI), Farmakope Indonesia, Ed Ke-3, Jakarta, Departemen Kesehatan Republik Indonesia, 1979: 807.
62. Laurence DR, Bacharach AL. Evaluation of drug activities: pharmacometrics. Vol 3. Michigan: Academic Press. 1964.
63. Padmini MP, Kumar JV. A Histopathological study on gentamycin induced nephrotoxicity in experimental albino rats. *IOSR Journal of Dental and Medical Sciences (IOSRJDMS)*. 2012: 1(1): 14-7.
64. Laboratorium Biosains Universitas Brawijaya Malang. Manual prosedur pengambilan darah, perlakuan dan injeksi pada hewan coba. 2012.
65. Dahlan, MS. Statistik untuk kedokteran dan kesehatan. Jakarta: Salemba Medika. 2013.
66. Gayathri, V. and Kiruba, D. Phytochemical analysis of leaf powder extracts of *Rhodomyrtus tomentosa*. *International Journal of Current Research*. 2014: 6.
67. Sangi, M., M.R.J. Runtuwene., H.E.I. Simbala.,V.M.A. Makang. Analisis fitokimia tumbuhan obat di kabupaten minahasa utara. *Chem. Prog.* 2008, 1(1):47-53.
68. Shankar S, Chorachoo J, Jaiswal L, Voravuthikunchai SP. Effect of reducing agent concentrations and temperature on characteristics and antimicrobial activity of silver nanoparticles. Elsevier BV. 2014.
69. Hui WH, Li MM & Luk K. Triterpenoids and steroids from *Rhodomyrtus tomentosa*. *Phytochemistry* 14. 1975: 833-4.
70. Liu, Y, Hou, A., Ji, C. & Wu, Y. Isolation and structure of hydrolysable tannins from *Rhodomyrtus tomentosa*. *Tianran Chanwu Yanjiu Yu Kaifa* 10. 1998: 14-9.
71. Wilson DD. McGraw-Hill's manual of laboratory & diagnostic tests. McGraw-Hill Companies, Inc. 2008:196-7, 577-9
72. Oze G, Nwanjo H, Onyeze G. Nephrotoxicity caused by the extract of *alstonia boonei* (De Wild) stem bark in guinea pigs. *The Internet Journal of Nutrition and Wellness*. 2006: 3: 2.

73. Wisloff H, Uhlig S, Scheie E, Loader J, Wilkins A, Flaoyen A. Toxicity testing of saponin-containing *Yucca schidigera* Roetzl. juice in relation to hepato- and nephrotoxicity of *Nartheceum ossifragum* (L.) Huds. *Toxicon*. 2008;51:1:140-50.
74. Martinez-Salgado C, Lopez-Hernandez FJ, Lopez-Nova JM. Glomerular nephrotoxicity of aminoglycosides. Elsevier Inc. 2007.
75. Nagai J, Takano M. Molecular aspects of renal handling of aminoglycosides and strategies for preventing the nephrotoxicity. NCBI. 2004.
76. Chang ST, Wu JH, Wang SY, Kang PL, Yang NS, Shyur LF. 2001. Antioxidant activity of extracts from *Acacia confusa* bark and heartwood. *Journal of Agriculture and Food Chemistry* 49: 3420-4.
77. Han RM, Zhang JP, Leif H. Skibsted. Reaction dynamics of flavonoids and carotenoids as antioxidants. *Molecules*. 2012 : 2141-5.
78. Khadem S and Marles RJ. Monocyclic phenolic acids; hydroxy- and polyhydroxybenzoic acids: occurrence and recent bioactivity studies. *Molecules* 2010;15: 7985-8005.
79. Exarchou V, Nenadis N, Tsimidou M, Gerothanassis IP, Troganis A & Boskou D. 2002. Antioxidant activities and phenolic composition of extracts from Greek oregano, Greek sage, and summer savory. *Journal of Agriculture Food Chemistry* 50: 5294-9.
80. Sultana N, Ata A. Oleanolic acid and related derivatives as medicinally important compounds. *J Enzyme Inhibition Med Chem*. 2008; 23:739-56.
81. Shah BA, Qazi GN, Taneja SC. Boswellic acids: a group of medicinally important compounds. *Nat Prod Rep*. 2009; 26:72–89.
82. Baumann E, Stoya G, Völkner A, Richter W, Lemke C, Linss W. Hemolysis of human erythrocytes with saponin affects the membrane structure. Institut für Anatomie I, Klinikums der Friedrich-Schiller-Universität, Teichgraben, Jena, Germany. 2000.
83. Nielsen MJ, Moestrup SK. Receptor targeting of hemoglobin mediated by the haptoglobins: roles beyond heme scavenging. NCBI. 2009.
84. Fagoonee S, Gburek J, Hirsch E, Marro S, Moestrup SK, Laurberg JM, et al. Plasma protein haptoglobin modulates renal iron loading. NCBI. 2005.
85. Lim YK, Jenner A, Ali AB, Wang Y, Hsu SI, Chong SM, et al. Haptoglobin reduces renal oxidative DNA and tissue damage during phenylhydrazine-induced hemolysis. NCBI. 2000.

86. Flores J, DiBona DR, Beck CH, Leaf A. The role of cell swelling in ischemic renal damage and the protective effect of hypertonic solute. NCBI. 1972.
87. Abe H, Konishi H, Komiya H, et al. Effects of saikosaponins on biological membranes. *Planta Med.* 1981;42:356-63.
88. Melzig MF, Bader G, Loose R. Investigations of the mechanism of membrane activity of selected triterpenoid saponins. *Planta Med.* 2001;67:43-8.
89. Shen Y, Jin L, Xiao P, Lu Y & Bao J. 2009. Total phenolic, flavonoids, antioxidant capacity in rice grain and their relations to grain color, size and weight. *Journal of Cereal Science* 49(1): 106-11.

UNIVERSITAS TANJUNGPURA