DAFTAR PUSTAKA

1. Craig RG, Powers JM. Restorative dental materials. 11th ed. St.Louis: *WB Saunders*; 2002. p.129,151,232-4,244.

2. Anusavice KJ. Phillips buku ajar ilmu bahan kedokteran gigi. ed. 10. Terj. Budiman JA, Prawoko S. Jakarta: *EGC*; 2004. p. 228-47

3. Janke V, Schlegelberger B, Neuhoff v, Leyhausen G, Geurtsen W. TEGDMA causes apoptosis in primary human gingival fibroblasts. *J Dent Res* 2003; 82(10):814-818.

4. Goldberg M, Smith AJ. Cells and extracellular matrices of dentin and pulp: a biological basis for repair and tissue engineering. *Crit Rev Oral Biol Med* 2004; 15:13-27.

5. Schweikl. H., Spagnuolo. G., Schmalz. G. Genetic and cellular toxicology of dental resin monomers. *J Dent Res* 2006; 85(10):870-877.

6. Hume WR, Gerzina TM. Bioavailability of components of resin-based materials which are applied to teeth. *Crit Rev Oral Biol Med* 1996; 7:172-179.

7. Mjör, Ivar A. Pulp-dentin biology in restorative dentistry. Florida: *Quintessence*; 2002. p.1-3,7,9

8. Kamus Kedokteran Dorland. Jakarta: *EGC*; 1996. Terj. Harjono, Rima M, dkk.: Protein, pulpa; p. 1368,1529

9. Torneck CD, Torabinejad M. Biologi jaringan pulpa dan jaringan sekitar akar. Diperoleh. dari : Walton RE, Torabinejad M (editor). Prinsip dan praktik ilmu endodonsi. ed.2. Terj. Sumawinata N, Sidharta W, Nursasongko B. Jakarta : *EGC*; 1997. p. 18-9

10. Geurtsen, W. Substances released from dental composite resins and glass ionomers-cements. *Eur J Oral Sci* 1998; 106(2 pt 2):687-95.

11. Karp, G. Cell & molecular biology, concepts and experiments 5E. *John Wiley & Sons, Inc., Asia*; 2008. p. 49.

12. Mount GJ, Hume WR. Preservation and restoration of tooth structure. 2nd ed. Queensland: *Knowledge Book and Software;* 2005. p. 7-8,200-1.

13. Phillips RW, Moore BK. Element of dental materials for dental hygienist and dental assistants. 5th ed. Philadelphia: *WB Saunders H*; 1994. p. 119,130

14. Geurtsen W, Leyhausen, G. Chemical-Biological interaction of the resin monomer triethyleneglycol-dimethacrylate (TEGDMA). *J Dent Res* 2001; 80(12):2046-50.

15. Ferracane JL. Current trends in dental composites. *Crit Rev Oral Biol Med* 1995; 6(4):302-18.

16. Reichl FX, Durner J, Hickel R, Kunzelmann KH, Jewett A, Wang MY, Hume WR, et al. Distribution and Excretion of TEGDMA in Guinea Pigs and Mice. *J Dent Res* 2001; 80(5):1412-5.

17. Söderholm KJM. Identify the advantages and drawbacks with synthetic resins as restorative materials, and explain why a resin such as bisGMA replaced methylmethacrylate as a resin in some restorative materials. 1999 [cited 2008 April 20]; Available from: URL:http://nersp.nerdc.ufl.edu/~soderho/E01.htm

18. Chalifoux PR. Dentin Bonding [Online]. 2003 [cited 2008 Okt 5]; Available from: URL:http://www.dentalcomposites.com/dentin%20bonding.htm

19. Spagnuolo G, Galler K, Schmalz G, Cosentino C, Rengo S, Schweikl H. Inhibition of phosphatidylinositol 3-kinase amplifies tegdma-induced apoptosis in primary human pulp cells. *J Dent Res* 2004; 83(9):703-7.

20. Moharamzadeh K, Noort RV, Brook IM, Scutt AM. Cytotoxicity of resin monomers on human gingival fibroblast and HaCaT keratinocytes. *Dental Materials* 2005; 23(2007):40-4.

21. Mungksgaard EC. Toxicology versus allergy in restorative dentistry. Denmark: *Adv Dent Res* 1992; 6:17-21.

22. Hallström V. Adverse reaction to a fissure sealant: report of a case. *ASDC I Dent Child* 1993; 60:143-6

23. Mjör IA, Fejerskov O. Embriologi dan histologi rongga mulut. ed.1. Terj. Siregar F. Jakarta: *Widya Nedika;* 1991. p. 93-4.

24. Bagian Biologi Oral. Buku Ajar Biologi Oral I. ed. 3. Jakarta: *Fakultas Kedokteran Gigi Universitas Indonesia*; 2001. p. 22-3.

25. http://crobm.iadrjournals.org/cgi/content-nw/full/15/1/47/F3 Oktober 10, 2008. 01:18

26. Wyllie AH. Apoptosis, cell death and cell proliferation. [e-book]**.** 3rd ed. Germany**:** *Roche Applied Science.* [cited 2008 November 18]; [4 screens]. Available from: URL:http://www.roche-applied-science.com/sis/apoptosis/docs/manual_apoptosis.pdf

27. Unchern, S. Basic Techniques in Animal Cell Culture [e-book]. Bangkok: *Departement of Pharmacology, Faculty of Pharmaceutical Sciences, Chulalongkorn University*; 1999 [cited 2008 Okt 11]; [30 screens]. Available from:URL:http://www.pharm.chula.ac.th/surachai/academic/Study/Cell%20Culture%20Handbook.pdf

28. Freshney RI. Culture of Animal Cells. A Manual of Basic Technique. 4th ed. New York: *Willey-Liss*; 2000. p. 2,6,157-8,314-5

29. What is protein [Online]. [cited 2008 Okt 7]; Available from: URL: http://www.bionewsonline.com/5/what_is_protein.htm

30. Hermann JR. Protein and the body [Online]. [cited 2008 Okt 7]; Available from: URL:http://pods.dasnr.okstate.edu/docushare/dsweb/Get/Document-2473/T-3163web.pdf.

31. Alberts B, Bray D, Lewis J, Raff M, Roberts K, Watson JD. Molecular biology of the cell. 3rd ed. New York: *Garland Publishing*; 1994. p. 111,169-170.

32. Radecki J, Kim S. Protein. *Advameg Inc*. [Online]. 2008 [cited 2008 Okt 7]; Available from: URL:http://www.faqs.org/nutrition/Pre-Sma/Protein.html

33. Bonjoch NP, Tamayo PR. Protein content quantification by bradford method. In: Roger MJR. (Ed.). Handbook of plant ecophysiology techniques. Netherlands: *Kluwer Academic Publisher*; 2001. p. 283

34. Bradford protein assay [document on the Internet]. [cited 2008 Oktober 14]; Available from: URL: http://209.85.175.104/search?q=cache:RXqqZoVMvDsJ:faculty.ksu.edu.sa/Bazzi-MD/LBCH435/5-BRADFORD%2520PROTEIN%2520ASSAY.doc+base+theory+of+bradford+protein+assays&hl=id&ct=clnk&cd=2&gl=id&client=firefox-a

35. Bio-Rad Protein Assay [e-book]. USA: *BIO-RAD Laboratories;* 1993. [cited 2008 Apr 27] p. 1,7. Available from: URL:http://www.technomedica.com/publikazii/belur/Bio-Rad.pdf

36. SDS-PAGE Gel Electrophoresis [Online]. 2008 Mar [cited 2008 April 14]; Available from: URL:www.molecularstation.com/sds-page-gel-electrophoresis/

37. SDS-PAGE (PolyAcrylamide Gel Electrophoresis) [Online]. [cited 2008 April 29]; Available from: URL:http://www.davidson.edu/academic/biology/courses/Molbio/SDSPAGE/SDSPAGE.html

38. SDS-Polyacrylamide Gel Electrophoresis (SDS-PAGE) [Online]. [cited 2008 Okt 15]; Available from: URL:http://www.encorbio.com/protocols/SDS-PAGE.htm

39. Electrophoresis. *General Electric Company, GE Healthcare* [Online]. [cited 2008 Nov 2]; Available from: URL:http://www5.gelifesciences.com/aptrix/upp00919.nsf/Content/elpho_applications~elpho_applications_1d_protein_analysis~elpho_sds_page~Elpho_1D_SDS+PAGE

40. Rybicki E, Maud P. SDS Polyacrylamide Gel Electrophoresis (SDS-PAGE) [Online]. [cited 2008 Apr 20]; Available from: URL:http://www.mcb.uct.ac.za/sdspage.html.

41. Theories behind the methods, SDS-PAGE theory [Online]. [cited 2008 Nov 1]; Available from: URL: http://department.monm.edu/chemistry/chemistry330/fall2002/jnendza/SDS-Page%20Theory.htm

42. SIGMA-Aldrich. Product Information, ProteoSilver™ Sliver Stain Kit [Online]. [cited 2008 Okt 31]; Available from: URL:http://www.sigmaaldrich.com/sigma/bulletin/protsil1bul.pdf

43. PageSilverTM Staining Kit [Online]. [cited 2008 Nov 28]; Available from: URL:http://www.fermentas.com/catalog/kits/kitpagesilver.htm

44. Koelle, M. SDS-PAGE [Online]. [cited 2008 Jun 18]; Available from: URL:http://www.encorbio.com/protocols/SDS-PAGE.htm.

45. Bernardi P, Scorrano L, Colonna R, Petronilli Vand Di Lisa F. Mitochondria and cell death. Mechanistic aspects and methodological issues. *Eur. J.Biochem* 1999; 264:687- 701.

46. Hinkle P, Kinsella PA, Osterhoudt KC. Cadmium Uptake and Toxicity via Voltage-sensitive Calcium Channels. New York: *The Journal of Biological Chemistry* 1987; 262(34):16333-7.

47. Nikula KJ, Finch GL, Westhouse RA, Seagrave JC, Mauderly JL. Progress in Understanding the Toxicity of Gasoline and Diesel Engine Exhaust Emissions. USA: *SAE International* 1999; p.2-3.

48. Solina, D. Efek toksik Trietylene glycol dimethacrylate terhadap kultur sel-sel pulpa gigi ditentukan berdasarkan protein total sel. Jakarta: *Skripsi* 2007; p. 18-21.

49. Christine. Efek toksik Trietylene glycol dimethacrylate (TEGDMA) terhadap kultur sel-sel pulpa gigi ditentukan berdasarkan viabilitas sel. Jakarta: *Skripsi* 2007; p. 26.

50. Sitorus, P.R.A. Efek TEGDMA terhadap viabilitas dan profil protein sel-sel pulpa gigi (*in vitro*). Jakarta: *Skripsi* 2008; p. 29-30.

51. Denecker G, Vercamme D, Steemans M, Berghe TV, Brouckaert G, Vandnabeele P, et al. Death receptor-induced apoptotic and necrotic cell death: differential role of caspases and mitochondria. Belgium: *Cell Death and Differentiation* 2001; 8:829-840.

52. Schmalz G, Schweikl H, Hiller KA. Release of prostaglandin E2, IL-6 and IL-8 from human oral epithelial culture models after exposure to compounds of dental materials. *Eur. J. Oral Sci* 2000; 108:442-8.

53. IL8 antibody (ab7747) datasheet [Online]. [cited 2008 Nov 28]; Available from: URL: http://www.abcam.com/index.html?datasheet=27803

54. Caspase 7. Product Data Sheet [Online]. [cited 2008 Nov 28]; Available from: URL: https://www.funakoshi.co.jp/data/datasheet/ABR/MA1-16839.pdf

55. Di Bartolomeo S, Cecconi F. CASP-9 (caspase 9, apoptosis-related cysteine peptidase). Atlas Genet Cytogenet Oncol Haematol [Online]. 2006 Dec [cited 2008 Dec 1]; Available from: URL : http://AtlasGeneticsOncology.org/Genes/CASP9ID423ch1p36.html

56. Protein Molecular Weight Marker [Online]. 2003 [cited 2008 Dec 2]; Available from: URL: http://www.cinnagen.com/Protein_Molecular_Weight_Marker.htm