

DAFTAR PUSTAKA

1. Lefeuvre M, et al. TEGDMA Modulates Glutathione Transferase P1 Activity in Gingival Fibroblasts. *J Dent Res* 2004; 83 (12): 914.
2. Anusavice KJ. Phillips Buku Ajar Ilmu Kedokteran Gigi. ed 10. Terj. Budiman JA, Prawoko S. Jakarta: EGC, 2004:228-47
3. WR. Hume, TM Gerzina. Bioavailability of components of resin-based materials which are applied to teeth. *Crit Rev Oral Biol Med*; 80(12):2046-2050.
4. Janke V, von Neuhoff N, Schlegelberger B, Leyhausen G, Geurtsen W. TEGDMA causes apoptosis in primary human gingival fibroblasts. *J Dent Res* 2003; 82 (10): 814.
5. Schweikl H, Schmalz G. Triethylene glycol dimethacrylate induces large deletions in the hprt gene of V79 cells. *Mutat Res* 1999.
6. Schweikl. H., Spagnuolo. G., Schmalz. G. Genetic and Cellular Toxicology of Dental Resin Monomers. *J Dent Res* 2006; 85(10):870-877.
7. Stanislawski L, Lefeuvre M, Bourd K, Soheili-Majd E, Goldberg M, Perianin A. TEGDMA-induced toxicity in human fibroblasts is associated with early and drastic glutathione depletion with subsequent production of oxygen reactive species. *J Biomed Mater Res* 2003; 66(A):476-482.
8. Ortengren U. On composite resin materials. Degradation, erosion and possible adverse effects in dentists. *Swed Dent J Suppl* 2000
9. Geurtsen W. Substances released from dental composite resins and glass ionomers-cements. *Eur J Oral Sci* 1998; 106: 687-95.
10. 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, 1997:11-23
11. Roberson TM, Heymann HO, Swift EJ. Sturdevant's Art and Science of Operative Dentistry. 4th ed. St.Louis: Mosby, 2002:30-1

12. Alberts B, Bray D, Lewis J, Raff M, Roberts K, Watson JD. Molecular Biology of The Cell. 3rd ed. USA: *Garland*, 1994: 111, 169-170
13. Ryan JA. Introduction to Animal Cell Culture [online]. [cited 2008 Sept 5]; Available from:URL :
http://www.corning.com/Lifesciences/technical_information/techDocs/intro_animal_cell_culture.pdf
14. Geurtsen W, Leyhausen G. Chemical-biological interaction of the Resin Monomer Triethyleneglycol dimetacrylate (TEGDMA). *J Dent* 2001; 80(12): 2046-2050.
15. <http://images.google.co.id/imgres?imgurl=http://nersp.nerdc.ufl.edu/~soderho/images/E01.ht2.gif&imgrefurl=http://nersp.nerdc.ufl.edu/~soderho/E01.htm&h=330&w=806&sz=6&hl=id&start=1&um=1&tbnid=EKT4_0_fbWvL7M:&tbnh=59&tbnw=143&prev=/images%3Fq%3DTEGDMA%26um%3D>
16. Powis DR, Prosser HJ, Wilson AD. Longterm monitoring of microleakage of dental cements by radiochemical diffusion. *Journal of Prosthetic Dentistry* 1988; 59, 651-7.
17. Geurtsen W, Spahl W, Leyhausen G. Residual monomer/additive release and variability in cytotoxicity of lightcuring glassionomer cements and compomers. *Journal of Dental Research* 1998; 77, 2012-9.
18. C. A. Quinlan, D. M. Zisterer, K. F. Tipton & M. I. O'Sullivan. *In vitro cytotoxicity of a composite resin and compomer*. *Journal of Endodontics Research* 2002;
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):703-707.
20. Ranti D, dkk. Efek toksik Triethylene Glycol Dimethacrylate (TEGDMA) Terhadap Kultur Sel-sel Pulpa Gigi Ditentukan Berdasarkan Protein Total Medium Kultur, *Skripsi* 2007; h 24
21. Moharamzadeh K, Noort RV, Brook IM, Scutt AM. Cytotoxicity of resin monomers on human gingival fibroblas and HaCaT keratinocytes. *Dental Materials* 2007; 23:40-44.

22. Grossmann LI, Oliet S, Rio CED. Ilmu Endodonti Dalam Praktek. ed.11. Terj. Abiyono R. Jakarta : *EGC*, 1995:47-8
23. Wyllie, A H. Apoptosis, Cell Death, and Cell Pliferation Manual (3rd ed). [online] Germany: *Roche Applied Science*: 2-4. [cited 2008 November 18] Available from: URL : http://www.roche-applied-science.com/sis/apoptosis/docs/manual_apoptosis.pdf
24. Unchern S. Basic Techniques in Animal Cell Culture. Bangkok: *Departement of Pharmacology, Faculty of Pharmaceutical Sciences, Chulalongkorn University* [serial online] 1999 [cited 2008 Nov 18]; 1-4. Available from:URL :<http://www.pharm.chula.ac.th/Surachai/academic/Study/Cell%20Culture%20Handbook.pdf>
25. Chaudry A. CELL CULTURE [online]. [cited 2008 Oct 3]. Available from:URL : <http://www.scq.ubc.ca/cell-culture>
26. Ramali A. Kamus Kedokteran: Arti dan Keterangan Istilah/oleh Ahmad Ramali, K. St. Pamoentjak; disempurnakan oleh Hendra T. Laksman. –cet. 26. –Jakarta: *Djambatan*, 2005: 285
27. Proteins/amino acid [online]. [cited 2008 Oct 3]. Available from:URL : <http://pages.prodigy.net/naturedoctor/protein.html>
28. Proteins, peptides, & amino acids [online]. [cited 2008 Oct 3]. Available from:URL : <http://www.cem.msu.edu/~reusch/VirtualText/proteins.htm>
29. Bradford protein assay [online]. [cited 2008 Oct 3]. Available from:URL : <http://www.ruf.rice.edu/~bioslabs/methods/protein/bradford.html>
30. Coomassie (Bradford) protein assay Kit [online]. [cited 2008 Oct 3]. Available from:URL : <http://www.piercenet.com/products/browse.cfm?fldID=02020105>
31. SDS-PAGE (PolyAcrylamide Gel Electrophoresis) [online]. [cited 2008 Oct 3]. Available from:URL : <http://www.bio.davidson.edu/courses/genomics/method/SDSPAGE/SDSPAGE.html>
32. Gel electrophoresis [online]. [cited 2008 Oct 3]. Available from:URL : http://www.westernblotting.org/THEORY-SDS_PAGE.html

33. <http://www.virusys.com/CMV/CMV_Purified_Virus_Lot_G062803/G0628030western_gel02.jpg>
34. Electrophoresis and staining. [online]. [cited 2008 Oct 30]. Available from:URL : www.piercenet.com
35. Electrophoresis. 2008; General Electric Company, GE Healthcare. http://www5.gelifesciences.com/aptrix/upp00919.nsf/Content/elpho_applications~elpho_applications_1d_protein_analysis~elpho_sds_page~Elpho_1D_SDS+PAGE
36. PageSilver™ Staining kit. [online]. [cited 2008 Oct 30]. Available from:URL: <http://www.fermentas.com/catalog/kits/kitpagesilver.htm>
37. Weber K, Osborn M. Proteins and Sodium Dodecyl Sulfate: Molecular Weight Determination on Polyacrylamide Gels and Related Procedures. In Neurath H, Hill RL. *The Proteins*. 3rd ed. Academic Press:180
38. Freshney RI. Culture of Animal Cells. A Manual of Basic Technique. 4th ed. New York: *Willey-Liss*, 2000: 157-8
39. BIO-RAD. Bio-Rad Protein Assay Manual Book. USA, 1993: 7
40. Pham, Vinh. SDS-PAGE & Western Blotting Protocols. 2003. [online]. [cited 2008 Oct 30]. Available from:URL : <http://micro.mic.ucdavis.edu/singer/protocols/SDS-PAGEandWesternBlot.pdf>
41. PROTOCOLS FOR SDS-PAGE. [online]. [cited 2008 Sept 11]. Available from:URL : http://www.fiu.edu/~animals/protocols/sds_page.html
42. SIGMA. ProteoSilver Silver Strain Kit Product Information. USA
43. Ueda Y, Whanger P D, Forsberg N E. The effects of selenium deficiency on differentiation, degradation, and cell lysis of L8 rat skeletal muscle cells. 1999.
44. Denecker, G., Vercamme, D., 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.
45. KAMUS kedokteran Dorland = Dorland's illustrated medical dictionary / alih bahasa, Tim Penerjemah EGC ; editor, Tim Editor EGC. –Ed. 26 – Jakarta : EGC, 1996:499

46. Nikula K J, Finch G L, Westhouse R A, Seagrave J, Mauderly J L. Progress in Understanding the Toxicity of Gasoline and Diesel Engine Exhaust Emissions. *USA SAE International* 1999; 2-3.
47. IL-6 antibody datasheet. [online]. [cited 2008 Nov 28]. Available from:URL : <http://www.abcam.com/IL6-antibody-ab6672.html>
48. Engelmann J, Leyhausen G, Leibfritz D, and Geurtsen W. Metabolic effects of dental resin components in vitro detected by NMR spectroscopy. *J Dent Res* 2001; 80:869-75.
49. Pardamean R A S. Efek TEGDMA terhadap viabilitas dan profil protein sel-sel pulpa gigi (*in vitro*). Jakarta 2008; *Skripsi*:34-35
50. Schmalz, G., Schweikl, H., and Hiller, K-A. 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: 442-448.
51. Saraswati T. Efek TEGDMA terhadap protein total dan profil protein sel-sel pulpa gigi (*in vitro*). Jakarta 2008; *Skripsi*:34-35

