

DAYA HAMBAT MINUMAN PROBIOTIK TERHADAP PERTUMBUHAN *Aggregatibacters actinomycetemcomitans*

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PROBIOTICS

Background. Traditionally, probiotics have been associated with gut health and are being mainly utilized for prevention or treatment of gastrointestinal infection and disease. Nowadays several studies have suggested the use of probiotics for oral health purposes. **Purpose.** The aim of the study is to investigate the ability of probiotic drink, to inhibit the growth of *A.actinomycetemcomitans* in vitro. **Method.** The antimicrobial activity of commercial probiotics drink (especially lactic acid) toward *A.actinomycetemcomitans* was tested by agar diffusion assays. **Results.** There were not zona of inhibition of lactic acid probiotic and probiotic drink toward *A.actinomycetemcomitans*. **Conclusion.** Probiotics drink that contains *L.casei*, *L.acidophilus* and *Bifidobacteria* is not able to inhibit the growth of *A.actinomycetemcomitans*.

Key words: probiotics, lactic acid, *A.actinomycetemcomitans*