

Efek yogurt terhadap pertumbuhan bakteri fusobacterium nucleatum atcc 25586 = effect of yogurt on the growth of fusobacterium nucleatum atcc 25586 / Dina Stephanie Anastasya

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Abstrak

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Yogurt merupakan makanan kesehatan yang populer saat ini.

Penelitian terdahulu menyatakan bahwa bakteri probiotik di dalam yogurt mampu menghambat pertumbuhan bakteri patogen periodontal. Tujuan : Mengetahui efek yogurt terhadap pertumbuhan bakteri F. nucleatum yang merupakan salah satu bakteri patogen periodontal. Metode : Yogurt dengan konsentrasi 20%, 40%, 60%, 80%, 100% diinokulasi dengan bakteri F. nucleatum, kemudian dilakukan penghitungan koloni bakteri F.nucleatum. Hasil : Terlihat penurunan jumlah koloni bakteri F. nucleatum sejalan dengan meningkatnya konsentrasi yogurt. Kesimpulan : Yogurt mampu menghambat pertumbuhan bakteri F. nucleatum, in vitro.

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**ABSTRACT**

Yogurt is a popular healthy food. A research proved that probiotic bacteria in yogurt have the ability to inhibit periodontal pathogen bacteria.

Objectives : To study the effect of yogurt on the growth of F. nucleatum as one of the periodontal pathogen bacteria. Methods : 20%, 40%, 60%, 80%, and 100% yogurt concentrations inoculated with F. nucleatum, then the amount of F.nucleatum colonies was counted. Result : The amount of F. nucleatum colonies decreased with higher concentrations of yogurt. Conclusion : Yogurt has the ability to inhibit the growth of F. nucleatum, in vitro.