

Pengaruh kecepatan sentrifugasi 7.000 g, 8.000 g, dan 9.000 g terhadap profil protein lebih atau sama dengan 30 kDa pada supernatan saliva = Effect of centrifugation at 7.000 g, 8.000 g, and 9.000 g on the salivary protein profile 30 kDa.profile 30 kda

Brian Dwi Baskoro, author

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Abstrak

Belum ada prosedur baku sentrifugasi untuk pemisahan protein. Dilaporkan bahwa sentrifugasi 10.000 g dapat memisahkan protein saliva 30 kDa.

Tujuan: Mengetahui pengaruh kecepatan sentrifugasi 7.000 g, 8.000 g, dan 9.000 g terhadap frekuensi kemunculan dan profil protein saliva 30 kDa.

Metode: Profil protein supernatan saliva hasil sentrifugasi diuji dengan SDS-PAGE

Hasil: Frekuensi kemunculan protein 30 kDa mengalami penurunan sesuai peningkatan kecepatan sentrifugasi. Terdapat perbedaan profil protein antara hasil sentrifugasi 7.000 g, 8.000 g, dan 9.000 g.

Kesimpulan: Kecepatan sentrifugasi 7.000 g, 8.000 g, dan 9.000 g berpengaruh terhadap frekuensi kemunculan dan profil protein 30 kDa.

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There are no established standard operational procedure of centrifugation for protein separation.

Centrifugation at 10.000 g separates salivary protein 30 kDa.

Objective: To determine the effect of centrifugation at 7.000 g, 8.000 g, and 9.000 g on the frequency of salivary protein emergence and protein profile 30 kDa.

Method: Salivary supernatant were analyzed with SDS-PAGE.

Results: Increased centrifugation speed resulted in decreased frequency of protein 30 kDa. There are differences in the protein profiles between the results of each centrifugation.

Conclusion: Centrifugation at 7.000 g, 8.000 g, and 9.000 g influence frequency of salivary protein emergence and protein profiles 30 kDa.