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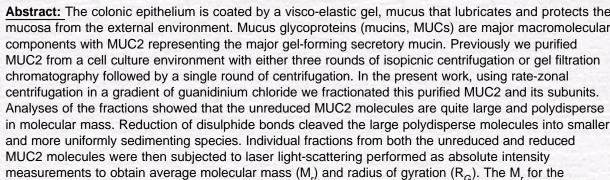
Medical Sciences

Keywords

Determination of Polydispersity of a Human Colonic Mucus Glycoprotein Using Rate-Zonal Centrifugation and Laser Light-Scattering

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unreduced and reduced MUC2 was 30 x 10^6 and 16 x 10^6 and R_G was in the range 290-309 nm and 200-260 nm, respectively. We concluded that colonic MUC2 mucin can be described as polydisperse and the combination of rate-zonal centrifugation and laser light-scattering techniques could certainly be applied as an effective method to determine their polydispersity.

Key Words: Polydispersity, colonic mucins, rate-zonal centrifugation, light-scattering

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