

北京地区中国人血清Gc型的分布

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摘要 用聚丙烯酰胺凝胶电泳法检测了北京地区340名健康献血员血清中型特异成份(Gc)的常见遗传型,其分布频率为:Gc1-1型51.18%,Gc2-2型42.06%,Gc2-2型6.76%。基因频率 $Gc^1=0.7221$, $Gc^2=0.2779$, $x^2=0.7573$, $df=1$, $0.5 > P > 0.3$ 。所得中国人血清Gc型分布频率的数据,为开展法医学个人识别和亲子鉴定提供了又一新的理论依据。

关键词

分类号

Distribution of Gc Phenotypes in a Chinese Population from Beijing

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(Institute of Criminal Technology, Ministry Public Security, Beijing)

Abstract

The phenotypes of human Gc(Group specific compinent) system have been determined by means of polyacrylamide gel electrophoresis. Our procedure of test is much simpler as compared with that of conventional immunoelectroporesis. The data obtained from the investigation of serum Gc types of 340 healthy donors in Beijing area are as follows:Gc 1-1: 51.58%,Ge2-1: 42.06%,Gc 2-2: 6.76%.The gene frequencies are $Gc^{1=0.7221}$, $Gc^{2=0.2779}$. $x^{2=0.7573}$, $df=1$, $0.5 > P > 0.3$. These data provide scientific basis for the examination of individual identification and paternity tesing in legal medicine.

Key words

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